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DATE: July 19, 2013

TO: Jeff Catanzarita, EPA/ERT Work Assignment Manager

THROUGH: Rick Leuser, SERAS Deputy Program Manager

FROM: Jean Bolduc, SERAS Task Leader

SUBJECT: SUPPLEMENTAL REMEDIAL INVESTIGATION TECHNICAL MEMORANDUM
NEW CASSEL/HICKSVILLE GROUND WATER CONTAMINATION SITE
NASSAU COUNTY, NEW YORK
TECHNICAL MEMORANDUM SERAS 0-144

INTRODUCTION

In December 2010, the New York State Department of Environmental Conservation (NYSDEC) requested that the U.S. Environmental Protection Agency (EPA) nominate areas of groundwater contamination in North Hempstead, Hempstead and Oyster Bay to the National Priorities List (NPL). EPA's Hazard Ranking System (HRS) sampling results confirmed the presence of volatile organic compounds (VOCs) in raw (pre-treated) water above the Maximum Contaminant Level (MCL) in four Town of Hempstead wells (Bowling Green 1 and 2, Roosevelt Field 10, and Levittown 2A), six Hicksville wells (4-2, 5-2, 5-3, 8-1, 8-3, and 9-3) and Westbury Water District Well 11. The New Cassel/Hicksville Ground Water Contamination (NCHGW) Superfund Site as outlined in Figure 1, from the March 2011HRS package, is an area of widespread groundwater contamination located within the Towns of North Hempstead, Hempstead and Oyster Bay, Nassau County, New York (NY). The NCHGW Site was proposed to the NPL in March 2011 and finalized onto the NPL in September 2011.

Previous NYSDEC investigations have identified groundwater contamination associated with the New Cassel Industrial Area (NCIA), former Sylvania, General Instruments and 123 Post Avenue sites in central Nassau County, New York (Figure 1). These sites have been overseen by the NYSDEC, have documented use and release of VOCs, and are located upgradient of a number of public supply wells (PSWs) found to have VOCs above MCLs during EPA's HRS sampling.

Within the Hamlet of New Cassel, in the Town of North Hempstead, three plumes containing primarily dissolved tetrachloroethylene (PCE) and/or trichloroethylene (TCE) exit the NCIA. Two PSWs, Bowling Green Wells 1 and 2, are located approximately 1,000 feet downgradient of the NCIA in the Hamlet of Salisbury, Town of Hempstead. EPA's HRS sampling found the raw water from these PSWs to be contaminated with PCE (up to 69 micrograms per liter [µg/L]) and TCE (up to 110 µg/L). Water from the Bowling Green Wells 1 and 2 is treated for VOCs to achieve drinking water standards prior to distribution to the public. The Bowling Green Water District routinely conducts monitoring for VOC contamination.

In the Hamlet of Hicksville, within the town of Oyster Bay, raw water from PSWs 5-2 and 5-3, located approximately one mile downgradient of General Instruments and the former Sylvania sites was found to be contaminated with PCE (up to 41 µg/L) and TCE (up to 59 µg/L) during EPA HRS sampling. Water from these PSWs is treated for VOCs to achieve drinking water standards prior to distribution to the public.

During EPA's HRS sampling, Westbury Well 11, in the Village of Westbury, located in town of North Hempstead, was found to contain 0.59 ug/L of cis-1,2 dichloroethylene (cis 1,2-DCE), a common breakdown product of PCE and TCE, in the raw water. 123 Post Avenue is a site located upgradient of Westbury Well 11.

While this memorandum focuses on the aforementioned sites, there may be other potential sources within the vicinity of the NCHGW Site, which may have suspected or documented VOC releases and/or use (Figure 1). At the request of EPA's New York Remediation Branch, the Emergency Response Team (ERT) compiled the information within this memorandum to document past site remedial activities, current site conditions, and to provide recommendations for future work associated with the aforementioned sites and any potential releases associated with the NCHGW Site.

OBJECTIVE

Personnel from the Scientific, Engineering, Response, and Analytical Services (SERAS) contract were tasked by the United States EPA Environmental Response Team (ERT) Work Assignment Manager (WAM) to review and summarize historical data and generate a Scope of Work (SOW) that comprehensively outlines past and recommended future activities to facilitate remediation of contaminated groundwater from groundwater downgradient of the NCIA Off-property, General Instrument, former Sylvania, and 123 Post Avenue sites in association with the NCHGW Site.

ASSUMPTIONS

As NYSDEC has overseen a considerable amount of work at the NCIA Off-Property Groundwater Area, former Sylvania, General Instruments and 123 Post Avenue sites, the EPA has chosen to conduct this review on their background for a more complete understanding of the NCHGW Site. The sites discussed within this memorandum may have or are known to have contributed to the groundwater contamination at the NCHGW Site. For the NCIA Off-Property Groundwater Area, all known source areas within the NCIA are currently managed under NYSDEC orders and were therefore not considered within the scope of work for this technical memorandum.

SITE GEOLOGY

Geology and Hydrogeology

Four regional geologic units of the Atlantic Coastal Plain physiographic province underlie the NCHGW site. These units from youngest to oldest are (USGS, 1972a):

- Glacial deposits comprised of the Ronkonoma and/or Harbor Hill outwash (Upper Glacial);
- Magothy Formation and Matawan Group (Magothy);
- Clay member of the Raritan Formation; and
- Lloyd Sand member of the Raritan Formation (Lloyd).

Site investigations have encountered only two of these units: Upper Glacial and Magothy. Upper Glacial deposits (estimated to be 40- to 80-feet thick) consist of coarse-grained sands and gravels at the site. A distinct contact between the Upper Glacial and Magothy units has not been observed in the area. The underlying Magothy sediments (estimated to be approximately 600-feet thick) are characterized by sand and silty sand with discontinuous clay and silt layers. Sediments tend to fine downward in the Magothy Formation, except within the basal portion where coarse-grained sands and gravels are prevalent (USGS, 1972b).

Unconfined groundwater is generally found at the NCHGW site between 40 and 65 feet below ground surface (bgs) near the estimated boundary between the Upper Glacial and Magothy aquifers (LMS, 2000; EEI, 2010; and EPA, 2011). Horizontal hydraulic conductivities reported for the NCIA Off-property Groundwater Area ranged from 42 feet/day to 291 feet/day based on slug testing results (LMS, 2000). The lower hydraulic conductivities are consistent with the average value published for the upper Magothy Aquifer and the higher hydraulic conductivities are consistent with the average value published for the Upper Glacial Aquifer (USGS, 1972a). Vertical hydraulic conductivities of 1.3 and 3.1 feet/day, consistent with average published values (USGS, 1972a), were obtained for the Magothy aquifer during aquifer testing in the NCIA Off-property Groundwater Area (HDR, 2010). Storage values (0.003 and 0.006), also derived for the Magothy Aquifer during the aquifer testing in the NCIA Off-property Groundwater Area, were at the low end of the published range (0.0006 to 0.10) (USGS, 1983).

A generally east-west trending regional groundwater divide is located near the center of Long Island (USGS, 1972a). Groundwater flows northward or southward on either side of the divide. Local groundwater flow in the Upper Glacial and upper Magothy aquifers is to the south-southwest at the site, within depths (Table 2) above the production interval (463 to 674 feet bgs) of the PSWs in the vicinity (Figure 5). Local groundwater flow in the lower Magothy aquifer within the production interval is likely toward the PSWs when they are actively pumping. The Upper Glacial and Magothy aquifers are hydraulically connected beneath the site (HDR, 2010), consistent with regional characteristics (USGS, 1983). The vertical hydraulic gradient reported between shallow and deep wells at the site averages 0.003 feet/foot (HDR, 2010 and EEI, 2010).

SITE BACKGROUND

NCIA Off-Property Ground Water Area

The NCIA covers approximately 170 acres and is bounded by the Long Island Railroad to the north, Frost Street to the east, Old Country Road to the south, and Grand Boulevard to the southwest. The NCIA was developed for industrial use beginning in the 1950s through the 1970s. It has been reported that on-property leach pools or dry wells in the NCIA were generally used for disposal of wastewater until sewers were installed in the mid-1980s. There are currently an estimated 200 industrial and commercial businesses currently with the NCIA.

To date, the NYSDEC has investigated and listed 17 individual facilities within the NCIA as Class 2 (i.e., NYSDEC Superfund sites where action is required). Five of the facilities within the NCIA have been removed from the NYSDEC Registry and one has been reclassified to a Class 4 Site. Records of Decision (ROD) have been issued for the remaining Class 2 sites within the NCIA and have had varying degrees of remedial activities conducted. The individual sites within the NCIA are under NYSDEC oversight and as discussed earlier, these sites are considered outside the scope of the technical memorandum.

Releases to the groundwater from facilities within the NCIA have been found to contribute to groundwater contamination south of Old Country Road and Grand Boulevard. NYSDEC's NCIA third operable unit (OU3), the geographical designation assigned by NYSDEC as the NCIA Off-property

Groundwater Area, will be discussed herein. This area contains mostly residential properties, some commercial properties, two schools, the Bowling Green well field, and Nassau County properties. Figure 1 depicts the boundaries of the NYSDEC OU3 NCIA Off-property.

NCIA Off-Property Groundwater Area RI/FS

A remedial investigation (RI) involving additional groundwater sampling was conducted in the NCIA Off-property Groundwater Area from 1999 to 2000. Four new monitoring wells (NRMW-1 through NRMW-4) and four Hydropunch® borings (GWHP-01 through GWHP-04) were installed. Three rounds of groundwater monitoring (which included upgradient wells N-10462 and N-10459 in two of the rounds) and one round of Hydropunch® sampling were performed during the RI. Analytical results were compared with historical data to identify the nature and extent of the contamination in the vicinity of the NCIA. The RI data was then used to develop a feasibility study (FS) that evaluated potential remedial alternatives for groundwater contamination in the NCIA Off-property Groundwater Area. Findings of the RI/FS are as follows:

- PCE, TCE, trichloroethane (TCA) and their breakdown products were identified as the primary contaminants of concern. Three NCIA Off-property plumes were identified (eastern, central, and western); however, only two of the plumes (eastern and central) were found in the deepest depth interval (125 to 200 feet) that was examined during the RI (LMS, 2000).

- The area of impacted groundwater in the NCIA Off-property Groundwater Area is similar when comparing historic data to the RI data. The contaminant levels in the RI and historic data set are similar in the four depth ranges (0 to 64 feet, 65 to 99 feet, 100 to 124 feet and 125 to 200 ft bgs) that were comparatively analyzed to evaluate the vertical component. Comparison was noted to be difficult in the NCIA Off-property western plume area as little data had historically been collected in this area.

- Pumping at the Bowling Green Wells produces a significant downward vertical gradient across silts and clays in the deeper portion of the aquifer that tends to draw contaminants downward (LMS, 2000).

- A human health exposure pathway analysis was conducted for the off-property groundwater contamination in the NCIA Off-property Groundwater Area (LMS, 2000).

- Source areas for the NCIA Off-property plumes were attributed to the Class 2 sites in the NCIA. No off-property upgradient sources for the groundwater contamination were identified based on the RI data (LMS, 2000). Groundwater samples collected from upgradient well N-10459 did not contain any PCE or TCE and groundwater samples collected from upgradient well N-10462 contained low concentrations of PCE (8J and 14 µg/L). The locations of N-10459 and N-10462, plus other nearby upgradient wells are shown on Figure 7. Construction details for the upgradient wells are summarized in Table 3.

  The FS identified and screened several remedial alternatives for the Upper Magothy aquifer between depths of 125 and 200 feet, including no further action; in-well vapor stripping; monitored natural attenuation; ex-situ extraction and treatment; and monitoring, assessment.

NCIA Off-property Groundwater Area ROD

NYSDEC's 2003 ROD for the NCIA Off-property Groundwater Area selected full plume remediation of upper and deep portion of the aquifer (to 225 ft bgs) with in-well vapor stripping/localized vapor treatment. Eleven remedial wells were proposed in the ROD as follows: 3 wells to 140 feet, 4 wells to 200 feet, and 4 wells to 225 feet (Figure 6). An element of the selected remedy was a contingency, where after pilot test data had been collected, the effectiveness of the in-well vapor stripping system would be evaluated and if for engineering or economic reasons, in-situ treatment should prove to be less practical, ex-situ extraction and treatment will be substituted without impairing the overall effectiveness of the treatment system. The contingency remedy was not included in the NYSDEC's alternative analysis in their 2000 FS.

Subsequently after the 2003 ROD, it was concluded based on the results of the pre-design investigation conducted in 2008 that heterogeneity (clay layers 5-feet thick or more as shown on Figure 6) and anisotropy (horizontal to vertical conductivity ratios exceeding 34,000) existed in the Upper Magothy aquifer within the proposed remedial area which would likely limit the effectiveness of groundwater circulation wells (D&B, 2009a). Therefore, NYSDEC utilized the contingency remedy and proceeded with the remedial technology of ex-situ extraction (commonly known as groundwater pump and treat [P&T]). NYSDEC has subsequently approved the final pre-design evaluation for P&T at the NCIA Off-property Groundwater Area. The Remedial Action Objectives (RAOs) of NYSDEC's selected remedy for the NCIA Off-property Groundwater Area are to contain and remediate the groundwater contamination such that groundwater exiting the NCIA Off-property Groundwater Area meets the NYSDEC Class GA Groundwater Quality and New York State drinking water standards.

NCIA Off-property Groundwater Area Pre-Remedial Design

NYSDEC conducted pre-remedial design activities from 2008 until 2011. During the completion of the 2011 pre-design investigation for the NCIA Off-property Groundwater Area, the NYSDEC requested that the EPA propose the NCHGW Site to the NPL. No further actions were taken by NYSDEC in the NCIA Off-property Groundwater Area after the pre-design investigation had been finalized and the NCHGW Site was finalized onto NPL in 2011

Three phases of pre-design were conducted to collect information to complete the remedial design for the NCIA Off-property Groundwater Area:

- 2008: Existing monitoring wells (MW-1 through MW-9), early warning wells (EW-1B, EW-1C, EW-2B, and EW-2C), and PSWs (Bowling Green Wells 1 and 2) were sampled. Seven temporary wells (TMW-1, TMW-2, TMW-4 through TMW-7, and TMW-9) and two Hydropunch® borings (TMW-3D and TMW-8D) were installed and sampled to depths of 285 and 500 feet, respectively (Figure 2). Six soil samples collected from boring TMW-3D (77-79 feet, 117-119 feet, 157-159 feet, 217-219 feet, 257-259 feet, and 282-284 feet) and five soil samples collected from boring TMW-8D (57-59 feet, 82-84 feet, 182-184 feet, 222-224 feet and 262-264 feet) were analyzed for particle size using American Society for Testing and Materials (ASTM) D422. Groundwater samples were analyzed for VOCs, ferrous iron, manganese, magnesium, calcium, total organic carbon, alkalinity, chlorides, nitrates, sulfates, carbon dioxide, and methane. Temporary wells and Hydropunch® borings were gamma logged to identify fine-grained (clay or silt) deposits. Soil samples collected from the Hydropunch® borings were analyzed for particle size distribution and vertical hydraulic conductivity. VOCs detected in groundwater samples included PCE, TCE, 1,1,1-TCA and their breakdown products. Total VOCs ranged up to 11,734 µg/L (185-foot sample from TMW-7). Depths to which elevated concentrations of VOCs were detected ranged up to 412 feet and exceeded the maximum depths

(140, 200, and 225 feet) of the treatment wells proposed in the ROD. It was concluded from the gamma logging results that one or more low permeability layers five-feet thick or more occur shallower than 285 feet beneath NCIA Off-property Groundwater Area (Figure 6). Vertical hydraulic conductivity tests (173 feet/day for the Upper Glacial aquifer and 0.1 foot/day for the Magothy aquifer) indicated the Magothy aquifer is highly anisotropic and that groundwater circulation wells with localized vapor treatment would likely not be an effective remedial technology for remaining VOCs from the Upper Magothy aquifer.

- 2009 to 2010: Analytical results for groundwater obtained since the initial RI in 2000 were evaluated for NCIA Off-property Groundwater Area. Based on review of the analytical results, three plumes (western, central, and eastern) were identified in NCIA Off-property Groundwater Area. The NCIA Off-property plumes are characterized by PCE and TCE and appear to be orientated in a south-southwesterly direction.

  Water levels in five monitoring wells (MW-1, MW-4, MW-9, FSMW-14B, and FSMW-14C) were recorded at 15-minute intervals between December 3, 2009 and January 5, 2010. Water level fluctuations observed in the monitoring wells were influenced by pumping of the Bowling Green wells. Drawdown induced by the pumping ranged from 0.1 foot at well MW-4 (depth of 200 feet and distance of 1,175 feet) to 0.5 foot at well MW-9 (depth of 315 feet and distance of 1,075 feet).

- 2010 to 2011: A 72-hour pumping test was performed at a constant rate of 100 gallons per minute (gpm) on well EX-1 (screened from 185 to 205 feet bgs). The pumping test data interpretation was compromised by interference from the Bowling Green wells and fluctuations in the discharge rate at the test well. Water level data indicated that shallow (130 to 140 feet bgs), intermediate (187 to 225 feet bgs) and deep (231 to 255 feet bgs) groundwater flow in the Upper Magothy aquifer was to the south or south-southwest. Significant changes were not observed in the shallow and deep groundwater flow during the pumping test; however, a cone of depression was apparent in the intermediate interval from which groundwater was being extracted during the pumping test. A pilot test was conducted, in conjunction with the pumping test, to evaluate three groundwater treatment scenarios: air stripping, granular activated carbon (GAC), and air stripping combined with GAC. Pilot test results indicate that aboveground use of air stripping, GAC, and air stripping with GAC are effective treatment technologies for the extracted groundwater.

  Eleven monitoring wells (MW-10, MW-11S, MW-11D, MW-12 through MW-15, MW-16S, MW-16D, MW-17S, and MW-17D) and two extraction wells (EX-1 and EX-2) were installed. Fourteen existing monitoring wells, newly installed monitoring wells, and two extraction wells were sampled. The NCIA Off-property western, central, and eastern plumes were further delineated (Figures 8 and 9). The NCIA Off-property eastern plume is characterized by relatively higher concentrations of PCE relative to TCE while the NCIA Off-property western plume is comprised of greater concentrations of TCE compared to PCE. The NCIA Off-property central plume contains relatively little PCE and is characterized by relatively greater concentrations of TCA and 1,1-DCA compared to the NCIA Off-property eastern and western plumes. Data from the 72-hour aquifer pump test was also used to calculate aquifer characteristics, including anisotropic ratios, which were determined to be significantly lower (27 to 100) than the original estimate from the 2009 pre-design investigation. Calculated results for anisotropy were within the published ranges from several United States Geologic Survey (USGS) studies on Long Island.

Former Sylvania

The former Sylvania site was in operation from 1952 to 1967 for the research, development, and fabrication of nuclear elements under contracts with the Atomic Energy Commission. During the time of operations, former Sylvania utilized natural, enriched and depleted uranium (U) and also to a lesser extent utilized thorium (Th). In 1957, nuclear contract work for commercial and other government entities began primarily on the 70 Cantiague Rock Road property. VOCs consisting of primarily PCE and also nickel waste were generated by the manufacturing processes.

The site currently consists of properties 70, 100, and 140 Cantiague Rock Road, Hicksville, NY (Figure A-1, Appendix A). These parcels were occupied by Air Techniques, Inc., Magazine Distributors, Inc., and Gilbert Displays, respectively.

In April 1999, GTE Operations Support Incorporated (GTEOSI), which had acquired Sylvania Electric Products, entered into a Voluntary Agreement (VA) with the NYSDEC for investigation and remediation of soil and groundwater for unrestricted future use of the former Sylvania site. In January 2003, GTEOSI entered into a more inclusive Voluntary Cleanup Agreement (VCA) with the NYSDEC for the site. By 2007, under the Formerly Utilized Site Remedial Action Program (FUSRAP), a phased RI was initiated that is managed under the U.S. Army Corps of Engineers (USACE).

Former Sylvania RI Activities

Site investigations performed from 1987 to the present are summarized as follows:

- 1987: Thirty buried drums and contaminated soil were found on the 70 Property during construction of an addition to Building 4. Soil and drum samples collected by the Nassau County Department of Health (NCDOH) and NYSDEC indicated the presence of VOCs (primarily PCE and TCE), polychlorinated biphenyls (PCBs), and arsenic.

- 1991: An environmental assessment of the 140 Property was performed to identify problems that would restrict property use or financial liability for the current and future owners.

- 1992: A soil vapor survey (near boring B-1 where VOCs were detected after the drum removal), installation of four monitoring wells (MW-1 through MW-4), and groundwater sampling (four on-property wells and one off-property well on the General Instrument property) were included in an investigation to classify the site for no further action (Figure A-2, Appendix A). The highest VOC concentration (31.2 parts per million) was detected north of the former drum area suggesting an upgradient source (ERM, 1993). A supplemental investigation was also performed in 1992 involving the drilling of three soil borings and one monitoring well (MW-5) (Figure A-2, Appendix A).

- 1997: Ground penetrating radar (GPR) survey and an exterior radiation survey were conducted to identify potential sampling locations and to map radiation levels that may indicate the presence of radioactive residuals.

- 1999: An investigation was conducted to evaluate the nature and extent of residual radionuclides (uranium and thorium), metals (nickel), and VOCs (PCE and TCE) in the soil and groundwater. The investigation included a soil gas survey to 4 feet in general areas, 8 feet in suspected radioactive contaminant areas, and 16 feet in leach pool areas. Groundwater sampling involved five on-property monitoring wells, three off-property monitoring wells (W-24, W-24D, and W-25 at the Nassau County Department of Public Works [NCDPW] to the north on Figure 4), and five temporary well points (TW-01 through TW-05). Samples were analyzed for VOCs, SVOCs, metals and

radionuclides. Analytical results identified: isolated areas of above background radiation at each of the properties; isolated areas of above background metals on portions of the 100 and 140 Properties; and PCE and TCE in soil and groundwater at several locations on the 100 and 140 Properties.

- 2000: Analytical results of a supplemental investigation confirmed earlier findings from the 1999 investigation. This investigation included soil vapor surveys in the 70 and 100 Buildings (Figure A-1, Appendix A). The highest PCE and TCE concentrations in the exterior samples were detected at SB-170 (69.8 parts per million by volume [ppmv]) near the southeast corner of the 140 Building and SB-166 (14.1 ppmv) south of the 100 Building, respectively. The highest PCE and TCE concentrations in interior samples from the 140 Building were found in the southeast corner at SB-119 (272 ppmv) and SB-124 (9.7 ppmv), respectively. The highest PCE and TCE concentrations in interior samples from the 100 Building were detected in the northeast and central portions of the building at SB-142 (0.2 ppmv) and SB-124 (0.07 ppmv), respectively.

  - 2001 to 2003: A soil and groundwater investigation was performed to identify the vertical and horizontal extents of select contaminants and to delineate non-impacted areas for potential sheet pile placement. Seven monitoring wells were installed (MW-6 through MW-12) near the boundary of the site supplemented by 170 soil borings. PCE and lesser concentrations of TCE were detected in groundwater samples. The highest concentrations of PCE (up to 2,700 µg/L) were detected in wells MW-7 along the eastern boundary of the 100 Property and MW-10 along the southern boundary of the 70 Property. Radionuclides were not detected above background levels in groundwater samples.

    - Analytical results from monitoring conducted in August 2001 indicated PCE and to a lesser extent TCE were present in samples with the highest concentrations of PCE found in wells MW-5 (2,300 µg/L) and MW-7 (2,600 µg/L) located on the 100 and 70 Properties, respectively (Figure A-1, Appendix A). Nickel was detected in well MW-1 (0.2 milligrams per liter [mg/L]). Technetium-99 (Tc-99) was detected in wells MW-5 (52.1±10 picoCuries per liter [pCi/L]) and MW-7 (28.9 pCi/L). These detections were below the average Tc-99 value (900 pCi/L) which is assumed will yield the MCL of 4 millirem per year established by the EPA for beta emitters such as Tc-99.
    - In 2002, soil borings U-1 through U-147 were drilled and sampled in perimeter areas of potential excavations, potential sheet pile areas, and areas where vertical delineation was needed.
    - Based on the investigation results, the horizontal and vertical extents of nickel, radionuclides, and VOCs in the soil had been defined; however, in 2003, borings U-148 through U-174 were completed to further define the distribution of radionuclides and VOCs in potential mixed-waste areas. Wells MW-1, MW-2, MW-5, MW-6, and MW-7 were decommissioned in April 2003.

  - 2002 to 2004: A multi-phase RI was initiated to characterize the nature and extent of radionuclides, PCE, TCE, and nickel on the 70, 100, and 140 Properties as well as surrounding properties (NCDPW, General Instrument, Golf Course Driving Range [GCDR], Crown Lift, King Kullen, New York Blood Bank, and Waste Management). This investigation included two groundwater sampling events (October 2002 and March 2003) at the 12 on-property wells (MW-1 through MW-12) and groundwater sampling at 55 Waterloo Profiler® drive points (P-01 to P-18, P-20, P-23 to P-38, P-42 to P-47, P-49 to P-56, P-58, P-C to P-F, and P-H) between October 2002 and February 2004 (Figure A-3, Appendix A).

  - 2005: The groundwater investigation was continued with the on-property installation of additional profiling points (P-103, P-107, and P-108) (Figure A-3, Appendix A). Groundwater

samples were analyzed for radionuclides, VOCs, nickel, ferrous iron, total iron, ammonia, chloride, and total chlorine.

- 2005: A soil investigation was conducted at Survey Units (SU) SU-03, SU-04, and SU-05 in the eastern, western, and central portions, respectively, of the 100 Building. Sixty-four borings were advanced to 30 feet bgs (Figure A-4, Appendix A). Samples collected from the borings were analyzed for radionuclides, PCE, TCE, nickel (Ni), and beryllium (Be).

    - At SU-03: Thorium-232 (Th-232) and uranium-238 (U-238) concentrations exceeded site cleanup levels in the four-foot fill sample from boring 010. U-238 exceeded the site cleanup level in the 2-foot fill sample from boring 019. PCE (5.1J milligrams per kilogram [mg/kg]) exceeded the site cleanup level in the 4-foot sample from boring 013. Ni concentrations were below the site cleanup level. The concentrations of Be exceeded the NYSDEC Technical and Administrative Guidance Memorandum (TAGM) #4046 value in several soil samples but were within the reported range for soils in New York State.
    - At SU-04: U-238 exceeded the site cleanup level in the 6-foot fill sample from boring 020. VOCs and Ni were below the site cleanup levels in all soil samples. The concentrations of Be exceeded the TAGM value in several soil samples but were within the reported range for soils in New York State.
    - At SU-05: Radionuclides, VOCs, and Ni were below the site cleanup levels in all soil samples. The concentrations of Be exceeded the TAGM value in several soil samples but were within the reported range for soils in New York State.

Other investigations performed prior to, concurrent with, and subsequent to the systematic investigation included:

- A focused assessment at the 100 Building prior to the systematic investigation with a total of 19 soil borings at suspected floor drains, catch basins, and Historic Leach Pools (LPHs) LPH-01, LPH-03 through LPH-06 located either partially or entirely beneath the building, and outside the historic footprint of the building (Figures A-5 and A-6, Appendix A). Eleven borings had Th-232 and U-238 concentrations exceeding cleanup levels, three borings had PCE or TCE concentrations exceeding cleanup levels, and two borings had Ni concentrations exceeding cleanup levels. LPH-03 and LPH-04 had U-238 and/or PCE concentrations exceeding the site cleanup levels between depths of 6 and 22 feet.
- An investigation of contaminants remaining in soil following remediation of Cell 9 located south of Building 100. Fifteen soil borings (located in subcells D16, C17 to E17, and C18 to H18) were advanced inside the 100 Building during the investigation (Figure A-7, Appendix A). Five of the soil borings had contaminants (primarily U-238) above site cleanup levels between depths of 7 and 47 feet.
- Six borings (located in subcells F13, G13, F14, and G14) were advanced near soil boring 009 to further delineate PCE and TCE concentrations at SU-04 in the 100 Building (Figure A-4, Appendix A). TCE (1.202 mg/kg) exceeded the site cleanup level in the near-surface fill from boring DL01 in subcell G13.
- Eight additional borings (located in subcells I-19, J19, K17, L16, two in L17, M19, and N12) were advanced at the request of NYSDEC to supplement the systematic investigation of the 100 Building (Figure A-4, Appendix A). Seven of the borings had PCE concentrations above the site cleanup level.
- A 2,500 gallon underground storage tank (UST) (labeled as UST-H) was discovered approximately 5.5 feet beneath the concrete slab of the 100 Building. The UST contained approximately 150 gallons of liquid and 250 gallons of sludge with elevated concentrations of

PCE, TCE, cis-1,2-DCE, uranium, various metals, and a PCB (Arochlor 1260). An emulsifier was added to the UST to solidify its contents, abandon the UST in place, and protect the integrity of the building.

- 2005: A soil investigation was completed west of the 100 and 140 Buildings (SU-01) and south of the 100 Building (SU-02). Forty-nine soil borings were advanced to 30 feet bgs (Figure A-8, Appendix A). Samples collected from the soil borings were analyzed for radionuclides, PCE, TCE, Ni, and Be. Radionuclides, PCE, TCE, and Ni concentrations were below site cleanup levels in all soil samples. Be concentrations exceeded the TAGM value in several soil samples but were within the reported range for soils in New York State.

  An assessment of LPHs was conducted in conjunction with the systematic investigation of SU-01 and SU-02. LPH-16 and LPH-17 fell within the boundaries of SU-01. LPH-12 through LPH-15 fell within the boundaries of SU-02. The results of this assessment did not indicate any contaminants above site cleanup levels in samples collected from these LPHs.

- 2005: Another soil investigation was performed at SU-06 and SU-07 beneath the eastern and western portions of the 140 Building. Thirty-seven soil borings were advanced to 30 feet bgs (Figure A-9, Appendix A). Samples collected from the soil borings were analyzed for radionuclides, PCE, TCE, Ni, and Be. Radionuclides, PCE, TCE, and Ni concentrations were below site cleanup levels in all samples. Be concentrations exceeded the TAGM value in several soil samples but were within the reported range for soils in New York State.

  An assessment of LPHs was conducted in conjunction with the systematic investigation of Building 140 (Figure A-10, Appendix A). LPH-20 and LPH-21 fell within the boundaries of SU-06. LPH-34 fell within the boundaries of SU-07. The near-surface soil sample from boring 04 in LPH-20 contained a Ni concentration exceeding the site cleanup level. Soil boring 01 in LPH-21 had concentrations of Th-232, U-234, U-238, TCE, and PCE exceeding site cleanup levels from 16 to 19 feet bgs. The 10-foot soil sample from boring 05 in LPH-21 had a U-238 concentration exceeding the site cleanup level. Soil samples from LPH-34 did not have any contaminant concentrations exceeding site cleanup levels.

- 2005: A systematic soil investigation and limited excavation were performed along a 5 by 500 foot strip north of the 140 Building. Twenty-four soil borings were advanced to a depth of 8 feet. Soil samples were analyzed for radionuclides, PCE, TCE, Ni, and Be. Analytical results from the systematic investigation indicated Ni and U-238 concentrations in the range of or slightly greater than the site cleanup levels in shallow soils at subcells M03, N03, and O03. A limited excavation of soil to a depth of five feet at these subcells was extended east into subcell P03. Approximately 207,900 pounds of soil and debris were excavated and properly disposed off site (URS and Envirocon, Inc., 2005d). Additional excavation was performed at subcell N03 based on verification sampling results for Ni. Supplemental verification samples from the final excavation met site cleanup goals (Figures A-11 and A-12, Appendix A).

- 2005: PCE contamination remaining below remedial excavation depths was investigated at Cells 3, 4, 12, 14 and the GCDR. Thirty-five borings were advanced to 64 feet bgs (Figure A-13, Appendix A). The samples were analyzed for radionuclides, PCE, TCE, Ni, and Be. Radionuclides and Ni concentrations were below the site cleanup levels in all the samples. PCE and TCE concentrations exceeding site cleanup levels were detected in samples from the northern half of Cell 4, central portion of Cell 14, and along the western boundary of the GCDR. Be concentrations exceeded the TAGM value in several soil samples but were within the reported range for soils in New York State. An additional 14 borings were advanced on the GCDR (Figure A-14, Appendix A). Radionuclides,

PCE, TCE, and Ni concentrations were below site cleanup levels in samples from those borings. Be concentrations were detected exceeding the TAGM value in several soil samples but were within the reported range for soils in New York State.

- 2005: A soil investigation was conducted to delineate remaining soil contamination following remediation at Cell 9. Soil samples collected from the excavation surfaces contained U-234 and U-238 in subcell E20 and Ni in subcell G20 exceeding site cleanup levels. Post backfill soil sample results indicated Ni concentrations exceeded site cleanup levels in subcell E20. Therefore, 64 soil borings were advanced to a depth of 64 feet for additional delineation in Cells 8 and 9 (Figure A-15, Appendix A). Samples collected from the soil borings were analyzed for radionuclides, PCE, TCE, Ni, and Be. Radionuclides, PCE, and TCE concentrations did not exceed site cleanup levels in the soil samples. Ni exceeded the site cleanup level in soil samples from several borings to a depth of 64 feet. Be was detected at a concentration exceeding the TAGM value in several soil samples but was within the reported range for soils in New York State.

- 2005: NYSDEC oversaw soil vapor surveys at SU-03, SU-04, SU-05, and SU-07. Elevated soil vapor readings were detected in the southern portion of SU-04 (central Building 100) but not detected in SU-05 (western half of Building 100) or SU-07 (western portion of Building 140).

  A 2,500-gallon UST was discovered during installation of soil gas sampling points at SU-03 and SU-04 resulting in the installation of additional soil vapor points to the north and south of the UST. The UST was abandoned in place using an emulsifier to stabilize the contents.

- 2006 to 2010: Additional investigation of the former Sylvania site was managed by the USACE under the FUSRAP. Three phases of remedial investigation were performed to fill data gaps.

  - Phase I involved soil vapor (passive exterior and subslab at the 70, 100 and 140 Buildings), geophysical, walkover gamma radiation surveys; ambient indoor air (70, 100, and 140 Buildings), and transformer pad (south of the 70 Building) sampling; and a limited radiation survey in the 70 Building (Figures A-16 through A-19, Appendix A).

  - Phase II was conducted in Phases IIa and IIb. The work included: 22 soil borings at drains, leach pools, and dry wells not previously evaluated; 32 confirmatory soil borings at previously excavated remediation cells on the 70, 100, and 140 Properties; 149 soil borings at leach pools, drains, and dry wells not previously investigated on the 70, 100 and 140 Properties; 21 test trenches at geophysical anomalies identified during Phase I; and 7 concrete cores at radiological anomalies identified in Building 70 during Phase I (Figures A-20 and A-21, Appendix A).

  - Phase II was conducted in Phases IIa and IIb. The work included: 22 soil borings at drains, leach pools, and dry wells not previously evaluated; 32 confirmatory soil borings at previously excavated remediation cells on the 70, 100, and 140 Properties; 149 soil borings at leach pools, drains, and dry wells not previously investigated on the 70, 100 and 140 Properties; 21 test trenches at geophysical anomalies identified during Phase I; and 7 concrete cores at radiological anomalies identified in Building 70 during Phase I (Figures A-20 and A-21, Appendix A).

  - Phase III was designed to fill data gaps for the soil investigation (total metals in soil and identifying some floor drain locations) and to characterize groundwater contamination on site and off site at the GCDR. Thirty soil samples were collected from the 0 to 2-foot depth to support a risk assessment during Phase IIIa. Another 30 soil samples were also collected from the 2- to 8-foot depth at the same locations. Sample locations were equally spaced along a grid established across the site (Figure A-22, Appendix A). Smoke tests were performed to identify floor drain

discharge locations in Building 70. Phase IIIa included groundwater profiling of four borings where no wells were installed and the groundwater profiling of 23 borings where 19 deep wells and 4 shallow wells were installed, developed, and sampled. Phase IIIb involved additional groundwater profiling at 5 borings and the installation, development, and sampling of 24 shallow, 13 intermediate and 4 deep wells. Figure A-23 (Appendix A) shows the locations of the Phase III borings and wells.

- 2007: VCP multi-phase RI continued with the off-property installation of additional profiling points (P-102, P-104, P-110, P-112 to P-114, and P-118) (Figure A-3, Appendix A). Four sentinel monitoring wells (MWP-110-335, MWP-110-440, MWP-114-170, and MWP-114-290) were installed in the area of existing sentinel wells S-1-325 and S-1-450 (Figure A-24, Appendix A). Groundwater samples were analyzed for radionuclides, VOCs, nickel, ferrous iron, total iron, ammonia, chloride, and total chlorine.

- 2009: The VCP multi-phase RI concluded with the off-property installation of additional profiling points (P-119 and P-120) (Figure A-3, Appendix A). Groundwater samples were analyzed for radionuclides, VOCs, nickel, ferrous iron, total iron, ammonia, chloride, and total chlorine.

- 2010: A report on the VCP multi-phase RI was issued for the former Sylvania site. This report contained on- and off-property groundwater data collected on behalf of GTEOSI and contained data generated by General Instrument, NYSDEC, and USACE. These data were obtained during sampling of profile boreholes, monitoring wells, and Continuous Multi-Chamber Tubing (CMT) ports (Figures A-24 and A-25, Appendix A). Included in the report was a qualitative exposure assessment of fish and wildlife resources as well as human health.

Former Sylvania Remedial Activities

In 2003, a soil remedial excavation work plan designed to provide for unrestricted future use of the site was submitted to NYSDEC. Approved cleanup levels listed in the work plan are as follows:

- Total Uranium – 100 picoCuries per gram (piC/g),
- U-238 and U-234 – 50 piC/g,
- Th-232 – 2.8 piC/g above the background concentration,
- PCE – 1.82 mg/kg,
- TCE – 0.70 mg/kg,
- Ni – 560 mg/kg.

Characterization and confirmation samples collected during the remediation were to be analyzed for radionuclides, PCE, TCE, and Ni. Proposed excavation areas were west of Buildings 100 and 140, south of Building 100, and along the western boundary of the GCDR. The eastern portion of Building 140 would be demolished to accommodate the excavation activities.

Remedial activities conducted at the former Sylvania property are summarized below:

- Drum and UST Removal: In 1987, a total of 57 drums (including the initial 30 drums) and 90 cubic yards of soil were removed from the 70 Property. The approximate location of the drum burial area is shown on Figure A-16, Appendix A. A geophysical survey, additional excavation, and post excavation soil sampling were also conducted at the 70 Property. In 2004, a letter report was issued documenting that a 6,000-gallon UST was encountered and removed during excavation of soil from Cell 2 (140 Property). In 2005, 2,500-gallon UST was discovered during installation of soil gas sampling points at SU-03 and SU-04 in the 100 Building. The UST was abandoned in place using an

emulsifier to stabilize the contents. Additional USTs were found and removed including one fuel oil UST in SU-01 (west of the 100 and 140 Buildings); three USTS (10,000-gallon diesel and two 2,000-gallon gasoline) at Cell 11 (southeast corner of Building 100), and diesel USTs along the south side of the 100 Building (EEI, 2007).

Soil Excavation and Disposal: During 2003 to 2004, Phase I remedial excavation was conducted at Cells 1 through 14. The cells were excavated to depths ranging up to 54 feet. Verification soil sampling was conducted at each cell along the final excavation surfaces. Focused sampling following backfilling, beginning at the final excavation depth and continuing to a depth of 64 feet, was also performed at some cells. Soil samples were analyzed for radionuclides, PCE, TCE, and Ni. Following the remedial excavation there was contamination remaining beneath Cells 3 and 4 (PCE and TCE at depths between 24 and 62 feet), Cell 6 (uranium at depths between 43 and 57 feet), and Cell 9 (uranium, nickel, and thorium to a lesser extent at depths between 24 and 64 feet).

General Instrument

The General Instrument facility is on an approximately 11.5 acre property in the Hamlet of Hicksville within the Town of Oyster Bay, Nassau County, NY. The facility has consisted of a research and design laboratory and a small manufacturing operation that produces semiconductors. The facility has also been used to produce radar systems and electronic equipment.

In December 1986, General Instrument entered into a Consent Order (CO) with the NYSDEC to conduct on- and off-property assessment work. In January 1989, General Instrument entered into another CO with the NYSDEC to conduct a RI/FS at the site. Two OUs were identified in the CO: OU-1 for on-property contaminated soil and OU-2 for contaminated groundwater. In March 1997, NYSDEC issued a ROD for OU-1 requiring soil vapor extraction for on-property soil. In June 2004, NYSDEC approved a groundwater circulation well technology as an interim remedial measure (IRM) for OU-2. An IRM system comprised of Unterdruck-Verdampfer-Brunnen (UVB) technology wells (UVB-1 to UBV-3) operated from 2004 to 2009. The UVB wells are currently inactive.

General Instrument RI Activities

RI work was conducted at the General Instrument site between 1981 and 2008 in accordance with the NYSDEC COs as follows:

- 1981: Two groundwater monitoring wells (W-1-75 and W-2D-120) were installed hydraulically downgradient from a 2,000-gallon waste solvent UST (Figure B-1, Appendix B). Analysis of groundwater samples collected from these monitoring wells in December 1981 and May 1982 identified high concentrations of TCE (up to 4,300 µg/L at W-1-75) and PCE (up to 2,700 µg/L at W-1-75) in the Upper Glacial aquifer.

- 1986 to 1987: Four additional monitoring wells (W-3-72, W-3-112, W-5-78, and W-6-79) were installed at the site to define the lateral extent of PCE and TCE in the groundwater (Figure B-1, Appendix B). Groundwater samples were collected from six on-property monitoring wells in June 1986 and July 1987. Samples from upgradient wells (W-3-72 and W-3-112) contained PCE (up to 491 µg/L) with lesser concentrations of TCE (up to 47.6 µg/L) suggesting an upgradient off-property source. The June 1986 groundwater samples from downgradient well W-6-79 contained a TCE concentration of 263 µg/L, suggesting the VOC plume had migrated from the former 2,000-gallon UST area to the southern boundary of the site or there was another source of TCE near well W-6-79.

- 1992: Ten monitoring wells (W-1D-120, W-2-71, W-7-71, W-8-71, W-10-71/120, W-11-70, W-12-70/120, and W-13-63) and six soil borings (TB-1 and TB-3 through TB-8) were installed during the Phase I RI (Figure B-1, Appendix B). The investigation identified three potential on-property sources of VOCs (Figure B-2, Appendix B):

    - Area A: 2,000-gallon waste solvent UST located north of the building,
    - Area B: 1,000-gallon waste solvent UST located west of the building, and
    - Area C: tunnel sump located in the building.

    The highest concentrations of TCE and PCE were detected in soil samples from borings TB-1, TB-4, and TB-6 drilled in Area A and TB-8 drilled in Area B. Relatively high concentrations of 1,2-dichlorobenzene (1,2-DCB) (between 830 and 4,200 mg/kg) were also detected in soil samples from borings located in Area A (TB-1 between 8 and 32 feet) and Area B (TB-8 between 60 and 62 feet). Low concentrations of 1,2-DCB (0.8 and 1.1 mg/kg) were detected in soil samples from boring TB-7 drilled at the former wastewater lagoon.

- 1994: During the Phase II RI: one monitoring well (W-14-150) was installed in Area A, five soil samples (SS-1 through SS-5) were collected from the hazardous waste storage area, two samples (Sump-S and Sump-D) were collected at the tunnel sump (Area C), 17 monitoring wells were sampled, and a soil vapor survey was conducted along the western and southern property lines (Figure B-3, Appendix B). VOC impacts to groundwater in Area A appeared to extend to a depth between 130 and 150 feet based on Hydropunch® and well W-14-150 sampling data. Analytical results for soil indicated that the tunnel sump (up to 16,000 mg/kg TCE and up to 2,900J mg/kg PCE) was a potential source for groundwater impacts and the hazardous waste storage area (up to 2J mg/kg TCE and PCE not detected) was not a potential source. TCE and PCE concentrations were not quantified in the soil vapor samples; however, chlorinated VOCs included in the analyses were not detected in the samples. Analytical results indicated the highest concentrations of TCE were detected in the Upper Glacial Aquifer at wells downgradient of the former 2,000-gallon UST (14,000J µg/L in W-1-75 and 2,700 µg/L in W-2-71) and former 1,000-gallon UST (1,700J µg/L in W-10-71).

- 1997: During the Phase III RI, four monitoring wells (W-15-168, W-16-148, and W-17-130) and three soil borings (SB-1-97 through SB-3-97) were installed and sampled along the northern boundary of the King Kullen property (Figure B-4, Appendix B). Eleven on-property monitoring wells were sampled. The highest concentrations of TCE continued to be detected in the Upper Glacial aquifer beneath the former 2,000-gallon UST area (1,900 µg/L in W-1-75). The highest concentration of TCE detected in off-property groundwater from the Upper Magothy Aquifer beneath the King Kullen property was found in well W-16-148 (430 µg/L) located downgradient of Area A. A high concentration of PCE (230 µg/L) relative to TCE (36 µg/L) was detected in westernmost well W-15-168, suggesting the General Instrument plume merged with another plume from a separate VOC source.

- 2001: During the Phase IV RI, six soil borings (SB-4 through SB-9) and three nested monitoring wells (W-19-110/150, W-20-120/160, and W-21-150/180) were installed and sampled along the southern boundary of the King Kullen property (Figure B-4, Appendix B). The objective of this investigation was to evaluate the nature and extent of a VOC plume in the area of the proposed ozone-sparge system. Groundwater plumes from separate PCE and TCE sources, suspected to have migrated off the former Sylvania and General Instrument sites and merged hydraulically downgradient, were detected in wells installed during the Phase IV RI. Groundwater containing predominantly PCE, suspected of being from the former Sylvania site, was detected in wells W-19-110/150 and W-20-160. Groundwater containing a greater proportion of TCE, suspected of being from the General Instrument site, was detected in well W-20-120.

- 2002: Ten off-property monitoring wells (W-23-110, W-24-260, W-25-150/188, W-26-270, W-27-240/285, W-28-262, W-30-285, and W-31-95) and two on-property monitoring wells (W-22-95 and W-32-110) were installed during the Phase V RI (Figure B-4, Appendix B). Analytical results from the on-property wells suggested an off-property source of PCE located to the north of the General Instrument property and data from the off-property wells indicated commingling of the PCE and TCE plumes located hydraulically downgradient of the General Instrument site.

- 2003: Two off-property sentinel wells (S-1-325 and S-1-450) were installed and sampled as requested by NYSDEC (Figure B-4, Appendix B). The sentinel wells are located approximately 1,400 feet north of Hicksville Wells 5-2 and 5-3. Groundwater in well S-1-325 contained predominantly TCE (38 µg/L) while well S-1-450 contained similar concentrations of TCE (13 µg/L) and PCE (14 µg/L).

- 2007 to 2008: Seven Waterloo Profiler® points (WP-01 through WP-07) were installed during the Phase VI RI to determine the vertical extent of 1,2-DCB (a chemical marker distinguishing the General Instrument plume from the other plumes) (Figure A-3, Appendix A). Two monitoring well pairs (W-36-390/448 and W-37-325/385) were installed to confirm the profiling results (Figure B-4, Appendix B). The wells were first sampled in March 2009 and 1,2-DCB was not detected in any of the groundwater samples. Groundwater samples collected from three of the seven profiling points (WP-01 through WP-03) contained detectable concentrations of 1,2-DCB (up to 450 µg/L at WP-01). Elevated concentrations of PCE and TCE were detected in the profiling points to depths up to 493 feet. Predominant compounds detected in groundwater samples from well couplets W-36 and W-37 were TCE and PCE.

General Instruments Remedial Activities

In 2003, a pilot test of the UVB groundwater circulation well technology was completed at the NYS Park Service/Ackerman properties located south of the General Instrument site. The test involved one UVB well (UVB-1) and four observation wells screened within the middle and lower portions of the Upper Magothy Aquifer (Figure B-4, Appendix B). The pilot test ran for one month and was considered to be successful at intercepting and removing VOCs from the aquifer (ESC, 2004). The UVB well continued to operate while the full-scale system was being designed. An IRM system comprised of wells UVB-1 to UBV-3 operated from 2004 to 2009. The UVB wells are currently inactive.

Remedial activities conducted at the former General Instrument property are summarized below:

- Soil Excavation and Removal: In 1985, approximately 230 cubic yards of contaminated sludge and soil were removed during closure of a wastewater discharge lagoon. The lagoon (approximately 20-feet deep) was located along the northern property line of the site (Figure B-2, Appendix B). A composite sample of the sludge contained VOCs including TCE (660 parts per billion [ppb]) and 1,2-DCB (300 ppb) plus semivolatile organic compounds (SVOCs) including bis (2 ethyl hexyl) phthalate (52,000 ppb), and butyl phthalate (102 ppb) (FCHA, 1985). VOCs including TCE (622 ppb) were also detected in a composite sample from a 60-foot soil boring drilled in the northeast corner of the site (FCHA, 1985). Discrete samples from a second test boring drilled at the same location contained detectable concentrations of benzene and toluene (5 to 20 ppb) at depths between 14 and 61 feet. Bis (2 ethyl hexyl phthalate) (55 to 16,000 ppb), butyl phthalate (20 to 100 ppb), xylenes (46 to 77 ppb), and 1,2-DCB (11 to 45 ppb) were detected in composite samples collected from the floor and sidewalls of the finished excavation (FCHA, 1985).

- Groundwater Pump and Treat: A groundwater P&T system operated in Area A between 1982 and 1985. Groundwater was extracted at 20 gpm from well W-2-120. The recovered groundwater was

treated using an experimental carbonaceous absorbent material. Treated groundwater was recharged at 5 gpm along a gravel bed installed over the former UST pit and discharged at 15 gpm into the former wastewater storage lagoon. The system was shutdown because it could not handle the high levels of VOCs and suspended inorganic solids in the groundwater.

- Soil Vapor Extraction: During 1992 to 1993, soil vapor extraction (SVE) was proposed as an IRM for the VOC contaminated soil at the site. In March 1994, the SVE system began extracting from two intervals (an upper 30-foot zone and a lower 20-foot zone) between depths of 8 and 60 feet. In March 1995, the GAC canisters were replaced with a PADRE® system for improved treatment of the extracted VOC vapors. The system was subsequently upgraded as a result of the NYSDEC's ROD issued in March 1997 requiring SVE for remediation of OU-1. Confirmation testing performed in 2001 indicated Areas B and C were sufficiently remediated to discontinue SVE at those locations; however, additional SVE was needed to further remediate Area A. In 2002, subsequent testing in Areas B and C showed soil reached remedial goals (Stearns and Wheler, LLC, 2002) and SVE operations ceased in those areas with consent from the NYSDEC. In November 2009, the SVE system was shutdown pending results of closure testing in Area A. Review of the closure report issued in August 2010 identified 1,2-DCB, 1,4-DCB, ethylbenzene, and total xylenes exceeding TAGM values in soil samples collected between 14 and 38 feet from the southernmost boring B-5. Consequently, additional SVE wells were proposed for the vicinity of boring B-5 and the SVE system was scheduled to be restarted in fall of 2010 (WSP, 2010).

- Ozone Sparging: An IRM consisting of a KVA C-Sparger® system was proposed for the King Kullen property to treat the off-property groundwater plume using pulsed ozone injection. Three wells with 5-foot sparge points set at depths of 125, 150, and 180 feet bgs were proposed between wells W-18-150 and W-20-120/160, but the ozone sparging system was never installed because results of the Phase V RI indicated the IRM needed to be re-evaluated.

- UVB Groundwater Circulation: In 2004, a UVB groundwater circulation system began operation as IRM-2 to treat the off-property groundwater VOC plume. The system consisted of three UVB wells (UVB-1 through UVB-3) with two of the wells (UVB-1 and UVB-2) located on the NYS Park Service property and one of the wells (UVB-3) located on the King Kullen property (Figure B-4, Appendix B). The wells were a stacked-cell design with screened depths from 210 to 240 feet, 285 to 315 feet, and 360 to 380 feet. Each well was equipped with a below grade air stripper. The wells were initially pumped so that 30 to 35 gpm circulation rates were maintained at the upper and lower screened intervals. Operation of UVB-1 was stopped in June 2008 due to the uncontrollable flow of very fine-grained sand into the well. Wells UVB-2 and UVB-3 were manually turned off in May 2009.

123 Post Avenue

The 123 Post Avenue site property consists of a building that is currently used for a dry cleaning business and a parking area which surrounds the building. Since the 1950s, the property has been used for dry cleaning operations. 123 Post Avenue was placed on the NYS Registry of Inactive Hazardous Waste Disposal Sites in December 1998.

NYSDEC has divided the site into two operable units: OU-1 is the 0.2-acre dry cleaner property and OU-2 is the off-property contaminated groundwater. NYSDEC signed RODs for OU-1 and OU-2 in March 2003 and 2004, respectively. OU-1 was addressed by the NCDOH and the potential responsible party (PRP) with NYSDEC oversight. OU-2 is being addressed under the New York State Superfund Program.

123 Post Avenue RI Activities

Remedial investigation work showed site-related PCE contamination in soils and groundwater. On-property soils were found to be contaminated with PCE and groundwater was found to be contaminated with PCE and its breakdown products TCE and DCE. Indoor air was found to contain elevated concentrations of PCE at buildings north and northwest of the site. The source for the contamination was identified to be on-property drywells that had been improperly used to dispose waste PCE. In 2001, five monitor wells (OU2-1 through OU2-5) and 20 profile boreholes (P-1 through P-20) were sampled to define the off-property extent of the VOC groundwater contamination between the site and Westbury-Well 11 (Figure 14). Construction details for the wells are summarized in Table 2.

Remedial investigation work for OU-1 began in October 2000. In 2001, the PRP agreed to implement a full remedial program for OU-1. While the RI was in progress for OU-1, the owner installed an interim remedial measure (soil vapor extraction) to address the elevated levels of PCE in the on-property soil and indoor air at buildings to the north and northwest of the site.

Following the remedial investigation work conducted in 2001, additional remedial investigation at OU-2 was performed between 2006 and 2012. During that period: 29 profile boreholes (P-1 through P-29), 7 temporary wells (TP-1 through TP-6 and TP-9), 13 monitor wells (OU2-6, OU2-7A, OU2-7B, OU2-8A, OU2-8B, OU2-8C, OU2-9A, OU2-9B, OU2-9C, OU2-10A, OU2-10B, OU2-10C, OU2-11), two soil borings (SB-1 and SB-2), and three injection wells (IW-1, IW-3, and IW-4) were installed and sampled (Figures 15 through 17). The work plan for an 18-week pilot test program for OU-2 was submitted to NYSDEC. The selected remedy for OU-2 presented in the work plan is in-situ chemical oxidation. Permanganate will be injected (at pilot test wells IW-1, IW-3 and IW-4) into the impacted aquifer to the south of the site near the intersection of Lennox Avenue and South Grand Street in Westbury, NY.

123 Post Avenue Remedial Activities

Interim remedial measures conducted for OU-1 consisted of soil excavation and SVE to address the subsurface contamination and portable air purifiers to address the indoor air contamination. Indoor levels of PCE dropped below New York State Department of Health (NYSDOH) guidelines following operation of the SVE system. No further action was approved by NYSDEC for OU-1 groundwater. However, NYSDEC required continued operation of the SVE system to eliminate or mitigate the threat of any future air or groundwater impacts. An air sparging contingency plan was developed for OU-1 in case groundwater concentrations rebounded. Implementation of in-situ chemical oxidation for OU-2 is ongoing.

CURRENT NATURE AND EXTENT OF CONTAMINATION

The evaluation of historical analytical results focused herein on PCE and TCE that are present at the relative greatest concentrations in groundwater samples collected from PSWs during the HRS event in August 2010. Groundwater plumes for PCE and TCE were mapped using concentrations exceeding 100 µg/L that were detected during sampling in the area between 2007 and 2012. Historically, a 100 µg/L isoconcentration contour was used to define the extents of the groundwater plumes in the NCIA (LMS, 2000; NYSDEC, 2003; HDR, 2010 and 2011). On Figures 8 through 13, the maps and cross sections show the inferred lateral and vertical extents of the PCE and TCE groundwater plumes migrating from the 123 Post Avenue, NCIA Off-property Groundwater Area, former Sylvania, and General Instrument sites. VOC data plotted on the maps and cross sections are tabulated in Appendix C.

NCIA Off-property Ground Water Area

Groundwater

Three groundwater plumes (NCIA Off-property eastern, central, and western plumes) characterized by PCE and TCE are present in NCIA Off-property Groundwater area. The NCIA Off-property eastern and western plumes are more extensive laterally than the NCIA Off-property central plume (Figure 18). These three plumes are generally oriented in a south-southwest direction consistent with regional groundwater flow. A downward hydraulic gradient appears to drive the three plumes to greater depths as they migrate through the NCIA Off-property Groundwater Area.

- NCIA Off-property Eastern Plume: Wells EW-1A/B, EX-1, FWMW-13A to 13C, FWMW-14A to 14C, GWHP-2, MW-14, MW-16D, MW-17D, TMW-7, and TMW-8D are located in the NCIA Off-property eastern plume (Figure 18). The NCIA Off-property eastern plume is characterized by a generally higher molar fraction of PCE relative to TCE at depths less than approximately 205 feet and a generally higher molar fraction of TCE compared to PCE at depths greater than approximately 205 feet (Figure 18). Molar fractions of TCE and PCE detected in the NCIA Off-property eastern plume groundwater below 205 feet are similar to those found in wells to the east. During the most recent sampling of the NCIA Off-property eastern plume in April 2011, the highest concentrations of PCE (16,000 µg/L) and TCE (1,800 µg/L) were detected in well FSMW-14A screened in the Upper Magothy Aquifer from 119 to 129 feet bgs. Bowling Green Wells 1 and 2 contain PCE and TCE (Figure 18) that may be from one or more of the NCIA Off-property plumes (Figures 8 through 11).

- NCIA Off-property Central Plume: The wells located in the NCIA Off-property central plume include MW-1 through MW-4, MW-6, MW-9, MW-10, and TMW-5 (Figure 18). The NCIA Off-property central plume contains a generally higher molar fraction of TCE and DCE compared to PCE (Figure 18). PCE and TCE concentrations detected in the NCIA Off-property central plume appear to be commingled with those of the NCIA Off-property western plume below a depth of approximately 150 feet bgs at the NCIA Off-property Groundwater Area. The highest concentration of PCE (330 µg/L) was detected in the Upper Magothy Aquifer at 165 feet bgs in TMW-5 (August 2008) and the highest concentration of TCE (1,800 µg/L) was detected in the Upper Magothy Aquifer at 128 to 130 feet bgs and 138 to 140 feet bgs in GWHP-01 (January 2000). Relatively high concentrations of 1,1,1-TCA (up to 1,400 µg/L at TMW-5) are also detected in the NCIA Off-property central plume based on August 2008 data.

- NCIA Off-property Western Plume: This plume may extend to the north-northeast beneath the residential area bounded by NCIA on the north, Arlington Street on the west, Old Country Road on the south, and Belmont Place on the east. Wells EX-2, MW-7, MW-11-S/D, MW-12, MW-13, TMW-1, TMW-2, TMW-3D, and TMW-9D are located in the NCIA Off-property western plume (Figure 18). The NCIA Off-property western plume has a generally higher molar fraction of TCE compared to PCE with occasional higher molar fractions of PCE compared to TCE (Figure 18). The highest concentration of TCE (5,100 µg/L) was detected in the Upper Magothy Aquifer at 225 feet bgs in TMW-2 (August 2008) located along the western side of the plume. The highest concentration of PCE (3,700 µg/L) was detected in the Upper Magothy Aquifer at 225 feet bgs in TMW-1 (August 2008) located in the southern portion of the plume. PCE and TCE appear to extend no deeper than 450 feet in the NCIA Off-property western plume beneath the NCIA Off-property Groundwater Area (Figures 10 and 11).

Former Sylvania

Soil

PCE, TCE, nickel, uranium, and thorium were identified as FUSRAP wastes in soil during the RI (EEI, 2010). Based on analytical results from the RI performed by USACE and remedial excavation sampling conducted by GTEOSI:

- PCE and TCE concentrations exceeding 1,000 µg/kg were detected in soil beneath and east of the 100 and 140 Buildings; between the 70 and 140 Buildings; beneath the 70 Building, beneath Cell 14 in the GCDR (Figures A-26 and A-27, Appendix A).

- Nickel concentrations exceeding the background threshold value (BTV) of 16.1 mg/kg were detected in soil samples from beneath and south of the 100 Building, on the 70 Building property near the source area found south of the 100 Building, and in isolated locations beneath the 140 Building (Figures A-28 and A-29, Appendix A).

- Uranium concentrations exceeding BTV values (U-234 of 0.81 pCi/g, U-235 of 0.091 pCi/g, and U-238 of 0.901 pCi/g) were detected in soil at one or more isolated locations beneath and east of the 70 and 100 Buildings extending beneath the GCDR; between the 70 and 100 Buildings; and beneath, south and east of the 140 Building (Figures A-30 and A-31, Appendix A).

- Thorium concentrations exceeding three times the BTV values (Th-228 of 1.2 pCi/g, Th-230 of 1.02 pCi/g, and Th-232 of 1.18pCi/g) were detected in soil samples from isolated locations beneath and south of the 100 Building and beneath the 140 Building at boring LPH-21 (Figure A-32, Appendix A).

Groundwater

PCE, TCE, nickel, and uranium were identified as FUSRAP wastes in groundwater during the RI (EEI, 2010). Based on analytical results from RIs conducted by the USACE and GTEOSI:

- Upgradient groundwater contained low concentrations of VOCs which are thought to have originated on the NCDPW and GCDR properties or other sources further upgradient. Former Sylvania on-property groundwater data collected in April 2010 indicated the area east of Building 100 is a source of VOCs contamination with the highest concentrations of PCE (1,800 µg/L) and TCE (91 µg/L) detected in shallow groundwater collected from well MW-22S. Lesser source areas for VOCs are located under and adjacent to the 70, 100, and 140 Buildings (Figures A-26 and A-27, Appendix A). Some of the PCE and TCE released in the source area east of the 100 Building was detected under the VOCs that have migrated off the General Instrument site (MPI, 2011). The former Sylvania off-property groundwater containing TCE and PCE from the former Sylvania site has merged with separate VOCs plumes from the General Instrument site and other unknown sources (Figure A-33, Appendix A). The areal extent of TCE and PCE from the former Sylvania site in groundwater can be inferred from higher molar fractions of PCE found in off-property wells. Wells located in the off-property TCE/PCE plume include: MWP-110-440, W-16-148, W-19-110/150, W-26-270, W-30-285, W-31-95, PW-02-07, PW-05-07, and PW-06-07. Other VOCs detected in off-property wells that do not appear to have originated from the former Sylvania site include 1,1,1-TCA, 1,1-DCA, 1,1-DCE, chloroform, carbon tetrachloride and ethylbenzene. VOCs detected in predominantly intermediate-depth groundwater samples from on-property wells that are thought to have originated from upgradient sources are 1,1,1-TCE, 1,1-DCE, and chloroform.

- Nickel impacts to groundwater are mainly limited to the southern portion of the Sylvania site. Nickel concentrations (102 to 1,550 µg/L) that exceed the NYSDEC GA Groundwater Standard (100 µg/L)

were found in shallow- to intermediate-depth groundwater extending from the source area south of the 100 Building to an area slightly past the southern boundary of the 70 Property (Figures A-28 and A-29, Appendix A). Dissolved nickel concentrations exceeding the NYSDEC GA Groundwater Standard were detected in April 2010 samples from wells MW-08, MW-23S, MW-26I, MW-27S, MW-31D, MW-44S, and MW-50I. The maximum detected concentration of nickel was 2,240 mg/L in MW-23S.

- A chromium concentration (60.4 µg/L) exceeding the NYSDEC GA Groundwater Standard (50 µg/L) was detected in the April 2010 shallow sample from well W-31-95. In addition, chromium concentrations (91.5 to 180 µg/L) exceeding the NYSDEC GA Groundwater Standard were detected in shallow upgradient wells (W-2-70, W-10-120, and W-12-70) suggesting the General Instrument site is a source for the chromium. The deep groundwater sample from downgradient well MW-36-448 also contained a chromium concentration (62 µg/L) that exceeded the NYSDEC GA Groundwater Standard.

- Dissolved and total sodium concentrations (20,100 to 491,000 µg/L) exceeding the NYSDEC GW GA Standard (20,000 µg/L) were detected in April 2010 samples from several on-property and off-property wells. The source for the sodium is considered to be a salt pile on the NCDPW site to the north.

- On-property uranium concentrations exceeding the MCL (27 piC/L) are limited to the northeast corner of the 70 Building Property (wells MW-18S/I, MW20S, and MW-41S) where a recharge basin was formerly located. No off-property uranium impacts, other than an isolated area (well MW-33S) on the GCDR, were identified based on the April 2010 data. Thorium was not detected at concentrations exceeding the MCL in any April 2010 groundwater samples.

General Instrument

Soil

- Two waste solvent USTs (Areas A and B) and a tunnel sump (Area C) have been identified at the General Instrument site as potential sources for TCE, PCE, 1,2-DCB, and 1,1-DCE (Figure B-3, Appendix B). VOC contaminated soil in Areas A and B was remediated by SVE; whereas, VOC contaminated soil in Area C was excavated. Based on historical data, it does not appear these USTs areas are contributing significant VOC mass to the on-property groundwater.

- There may be an unknown source for chromium in soil at the General Instrument site. Chromium concentrations exceeding the NYSDEC GA Groundwater Standard were detected in on- and off-property wells.

Groundwater

- Releases to groundwater from the three source areas on the General Instrument site appear to be characterized by a generally higher ratio of TCE to PCE (Stearns & Wheler, LLC, 1992 and 1997).

    - Semi-annual groundwater monitoring data indicate that TCE and PCE concentrations exceeding 100 µg/L have not been detected in on-property monitor wells since 2005 (WSP Engineering, 2010).
    - Off-property groundwater containing TCE and PCE from the General Instrument site is commingled with the VOCs plumes from the former Sylvania site and other unknown sources (Figure A-33, Appendix A).

- Releases from Areas A and B also contain significant concentrations of 1,2-DCB. Plan and cross-section views of the 1,2-DCB distribution in groundwater are shown on Figures B-5 and B-6 (Appendix B). The areal extent of TCE and PCE in groundwater from the General Instrument site can be inferred using the 1,2-DCB occurrence and higher molar fraction of TCE found in off-property wells. Monitoring wells and profiling borings located in the General Instrument TCE/PCE plume include: WP-01 through WP-03, W-1-75/120, W-10-71/120, W-20-120/160, W-22-95, W-23-110, W-25-150/188, W-26-270, W-27-240/285, and W-30-285.

- Chromium concentrations (91.5 to 180 µg/L) exceeding the NYSDEC GA Groundwater Standard were detected in on-property shallow wells (W-2-70, W-10-120, and W-12-70) and off-property wells W-31-95 and MW-36-448 during sampling conducted in 2010 for the former Sylvania site. A source for the chromium is currently unknown.

123 Post Avenue

Groundwater analytical results from March 2010 for wells OU2-1 and OU2-2 (USGS database for Nassau County) and from January 2012 (Dvirka and Bartilucci, 2012), indicated off-property wells OU2-1 through OU2-11 contained concentrations of PCE up to 3,900 µg/L, TCE up to 44 µg/L, and DCE up to 130 µg/L. A groundwater sample collected for the HRS evaluation in August 2010 from nearby Westbury-Well 11 contained TCE (1.7 µg/L) and DCE (0.59 µg/L). Molar fractions for total ethenes calculated using the analytical data are plotted on Figure 19. Based on review of Figure 19, it appears unlikely the PCE and DCE concentrations found in Westbury-Well 11 are related to the 123 Post Avenue site.

EXISTING DATA GAPS

An evaluation of the information presented herein indicates the following data gaps should be considered when evaluating the future approach for the NCIA Off-property Groundwater Area, former Sylvania, General Instrument, and 123 Post Avenue sites:

NCIA Off-property Ground Water Area

Groundwater

Data gaps for NCIA Off-property Groundwater Area are:

- A more expansive monitoring well network should be installed in the NCIA Off-property Groundwater Area to monitor any future remedial activities. The network of wells will aid in monitoring the vertical and horizontal extents of the NCIA Off-property western, central and eastern plumes. Additionally, a network of monitoring wells should be installed further north and south of the NCIA Off-property Groundwater Area.

- Further evaluation needs to be conducted of the high molar fraction of TCE in the lower portion of the NCIA Off-property eastern plume.

- During the remedial design phase, ground water should be analyzed for the Target Analyte List (TAL) metals and hexavalent chromium (CrVI) in groundwater beneath the NCIA Off-property Groundwater Area.

- Concentrations of electron acceptors and metabolic byproducts in background and contaminated groundwater that can be used to evaluate the natural attenuation of dissolved VOCs in groundwater beneath NCIA Off-property Groundwater Area have not been evaluated.

- Prior aquifer pumping tests should be reviewed during design investigations to evaluate interference from the Bowling Green wells and fluctuations in discharge rate that may have influenced the results during the 72-hour pump test such that specific response (i.e., unconfined or leaky) of the Magothy aquifer to pumping is unknown.

- The P&T system flow rate should be estimated for containment and remediation of the three finger plumes beneath NCIA Off-property Groundwater Area during design investigations. The anticipated effect of the Bowling Green wells on the P&T system should be evaluated. Maximum sustained flow rates for existing extraction wells (EX-1 and EX-2) in NCIA Off-property Groundwater Area have not been determined.

- As part of a design investigation, ground water deeper than 225 feet in the NCIA Off-property Groundwater Area should be analyzed.

- Human health assessment has not been prepared for the NCIA Off-property Groundwater Area.

Former Sylvania

Soil

Remedial alternatives for on-property soil have not been evaluated through a feasibility study that meets technical requirements under the Comprehensive Environmental Response, Compensation, Liability Act (CERCLA).

Groundwater

The data gaps for groundwater are:

- A groundwater RI/FS should be completed.

- The source of the elevated concentrations of TCE detected in intermediate to deep groundwater beneath the western portion of the 70 Building Property (in samples from profile borings for MW-25D and MW-30D and monitor well MW-30I) should be further evaluated.

- The source of the elevated concentration of TCE detected in deep groundwater beneath the central portion of the 100 Building Property (in samples from profile borings for MW-24DD and MW-27DD) should be further evaluated.

- The source of the elevated concentration of nickel detected in intermediate groundwater beneath the western portion of the 70 Building Property (in samples from the profile boring for MW-25D and monitor well MW-25S) should be further evaluated.

- The source of the elevated concentrations of PCE, nickel, and uranium detected beneath remedial cell 9 (in samples from both profile boring MW-24S and well MW-24S) should be further evaluated.

- Concentrations of alternate electron acceptors and metabolic byproducts in background and contaminated groundwater that can be used to evaluate the natural attenuation of dissolved VOCs migrating from the former Sylvania site should be further evaluated.

- Existing groundwater conditions and monitor well locations should be determined at the properties with chlorinated solvent usage (as noted in Figure 1) located downgradient and along the path of the Sylvania VOC plume.

- The southern and western extents of the off-property groundwater contamination should be further delineated.

General Instrument

Soil
Data gaps for soil include:

- Remedial confirmation of soil sampling results and the outcome of the pending closure request for Area A should be reviewed when available.

- It is unknown if additional USTs are buried at the site. In addition to the USTs removed from Areas A and B, a 10,000-gallon storage tank was located to the east of the former wastewater pond on the General Instrument site (Figure B-1, Appendix B). NYSDEC does not have a closure report for this UST, but believes the UST to be a fuel oil tank.

- A potential chromium source may exist in soil beneath the site. Chromium concentrations exceeding the NYSDEC GA Groundwater Standard were detected in groundwater samples collected from on-property and off-property wells during sampling conducted in 2010 by a consultant for the former Sylvania site.

Groundwater
The data gaps for groundwater are:

- A groundwater RI/FS should be completed.

  The RI/FS should include an investigation into the presence of the dissolved chromium detected in groundwater samples collected in 2010 from on-property and off-property wells.

- A human health risk assessment for on-property groundwater contamination should be conducted. An ecological risk assessment should also be conducted, if determined necessary by EPA.

- The RI sampling should include analysis for concentrations of alternate electron acceptors and metabolic byproducts in background and contaminated groundwater that can be used to evaluate the natural attenuation of dissolved VOCs migrating from the General Instrument site.

- A final remedial strategy for off-property groundwater should be selected after completion of an RI/FS.

123 Post Avenue

Soil
There were no data gaps identified for soil at OU-1 and OU-2.

Groundwater
The data gaps for groundwater are:

- The vertical and lateral extent of the OU-2 plume should be further delineated.

- A human health risk exposure assessments has not been conducted for the off-property groundwater contamination.

SCOPE OF WORK

This SOW has been prepared to fill data gaps that were identified by evaluating site background, current nature and extent of contamination, and data gaps at the NCIA Off-property Groundwater Area, former Sylvania, General Instrument, and 123 Post Avenue sites.

NCIA Off-property Groundwater Area

Groundwater

- Vertical profiling should be conducted at/near the Bowling Green wellfield and in the area up gradient of the well field.

- A network of groundwater monitoring wells should be installed at multiple locations to monitor progress of future remedial efforts in the NCIA Off-property Groundwater Area as part of the remedial design phase. These locations will be incorporated into a long term monitoring program. The monitoring well network should include well locations that are west of the NCIA Off-property western plume, east of the NCIA Off-property eastern plume, and upgradient of the NCIA. For assessment of the vertical extent, this monitoring well network and also additional locations in the NCIA Off-property central plume should also be extended to depths past the screened interval at Bowling Green Well 1 and 2.

  A Uniform Federal Policy (UFP) Quality Assurance Project Plan (QAPP) will need to be prepared for this work.

- Groundwater samples should also be collected from the newly installed and existing monitor wells at the NCIA Off-property Groundwater Area in accordance with the EPA Region 2 document entitled *Groundwater Sampling Procedure, Low Stress (Low-Flow) Purging and Sampling* during pre-design investigations. The investigation should include at least two rounds of sampling, spaced three months apart. The first round samples should be analyzed for TCL VOCs using EPA Method 8260B and total/dissolved TAL metals including CrVI using EPA Methods 6010B/7470 and 7199, respectively. Second round samples should be analyzed for TCL VOCs and selected samples should also be analyzed for natural attenuation indicator parameters: pH, dissolved oxygen (DO), electrical conductivity (EC), temperature, turbidity, oxidation-reduction potential (ORP), total organic carbon by SW 9060, nitrate and nitrite by SW 353.2, sulfate by SW 375.4, sulfide by SW 376.2, chloride by SW 352.2, ferrous iron by SM 3500Fe-D, manganese by EPA Method 6010B, alkalinity by SW 310.1, volatile fatty acids by SW 5560C, hydrogen by RSK-194, and carbon dioxide, methane, and ethane/ethene by SW 3810. The frequency and chemical analyses should be reviewed and adjusted, if necessary, after a work plan has been developed.

- Step-drawdown tests should be conducted using wells EX-1 and EX-2, designed to remove interference from the nearby PSWs.

- Groundwater flow and contaminant transport modeling should be conducted in a pre-design investigation to:

  - Assist in the P&T system design for hydraulic containment of the VOC plumes; and

- Evaluate the effects of the nearby PSWs on that system.

- The existing P&T strategy should be expanded to address the VOC contaminated groundwater below a depth of 225 feet at NCIA Off-property Groundwater Area.

- Update the human health risk assessment using data that has been collected post NYSDEC's 2003 ROD for the groundwater contamination in the NCIA Off-property Groundwater Area. An ecological risk assessment should also be conducted, if determined necessary by EPA.

Former Sylvania

Soil

- USACE FUSRAP program plans to model site groundwater in preparation for scoping the off-property groundwater assessment. The existing data gaps for soil should be re-evaluated to determine whether additional on-property assessment is necessary, based on the modeling results (EEI, 2010).

Groundwater

- USACE plans should continue for off-property groundwater characterization which includes the drilling and sampling of 14 groundwater profile boreholes ranging in depth from 200 to 600 feet, installation of 29 monitor wells field screening of the profile boreholes for VOCs using an AQR Color-Tec® kit, sampling of the profile boreholes and monitor wells for VOCs and Ni, and selected groundwater samples will also be analyzed for total uranium (LBGI and EEI, 2011).

- USACE plans should continue for sampling of selected wells (during a second round of monitoring) for natural attenuation indicator parameters: pH, DO, EC, temperature, ORP, nitrate, nitrite, sulfate, chloride, sulfide, major cations, ferrous iron and manganese, alkalinity, volatile fatty acids, carbon dioxide, methane, hydrogen, ethane/ethene, total organic carbon, and *Dehalococcoides spp*. (LBGI and EEI, 2011).

- USACE plans should continue for preparation of a Feasibility Study Report to address the on-property soil and groundwater contamination and off-property groundwater contamination (LBGI and EEI, 2011).

General Instrument

Soil and Groundwater

- All on-property wells and selected off-property wells (W-31-95 and MW-36-448) should be resampled to confirm total chromium concentrations from the 2010 sampling event conducted by the consultant for the former Sylvania site. Groundwater samples should be analyzed for total and dissolved chromium and CrVI using EPA Methods 6010C and 7199, respectively. If total chromium and CrVI concentrations exceeding the NYSDEC GA Groundwater Standard (50 µg/L) are detected in the on-property groundwater samples, then soil borings should be drilled and sampled at five-foot intervals to groundwater (approximately 60 feet bgs) in the vicinity of the well containing the highest concentrations of chromium and CrVI to identify a source. The soil samples should be analyzed for total chromium and CrVI using EPA Methods 6010C and 7196/7199, respectively.

- Low-flow groundwater samples should be collected from site-related wells and analyzed for TCL VOCs and natural attenuation indicator parameters: pH, DO, EC, temperature, ORP, nitrate, nitrite, sulfate, chloride, sulfide, major cations, ferrous iron and manganese, alkalinity, volatile fatty acids, carbon dioxide, methane, hydrogen, ethane/ethene, and total organic carbon.

- A human health assessment should be conducted for the on-property groundwater contamination. An ecological risk assessment should also be conducted, if determined necessary by EPA.

123 Post Avenue

Soil

No additional investigation or remediation is recommended for soil in OU-1 and OU-2.

Groundwater

- Installation of a groundwater monitoring well near the intersection of Lafayette Avenue and South Grand Street to evaluate groundwater quality impacting the public supply well. Use of either a multi-port system or cluster of wells to gather data at multiple depth intervals. The well should be drilled, field screened, constructed, and developed in the same manner as those proposed for the NCIA Off-property Groundwater Area. Following installation, the well should be included in the monitoring program that has been implemented for the other wells in OU-2 for 123 Post Avenue.

- The results for the in-situ oxidation pilot test being conducted in OU-2 should be evaluated.

REFERENCES

Dvirka and Bartilucci (D&B), 2009a, Pre-Design Investigation Report, New Cassel Industrial Area Site, Operable Unit No. 3, Town of North Hempstead, Nassau County, New York, Site No. 1-30-043, Dated June 2009.

_____, 2009b, Vertical Profile Sample Locations and VOC Results – 2001, Figure 1-A, 123 Post Avenue – Operable Unit 2 Remedial Design, Westbury, New York, dated May 1, 2009.

_____, 2009c, Vertical Profile Sample Locations and VOC Results – 2006, Figure 1-B, 123 Post Avenue – Operable Unit 2 Remedial Design, Westbury, New York, dated May 1, 2009.

_____, 2010, Estimated Areal Extent of VOC Plume Based on Existing Data, Figure 1, 123 Post Avenue – Operable Unit 2 Remedial Design, Westbury, New York, dated June 10, 2010.

_____, 2012, Monitoring Well Location Map, Figure 1, 123 Post Avenue – Operable Unit 2 Remedial Design, Westbury, New York, included with January 2012 data table.

Ecology and Environment, Inc. (EEI), 2007, Final Remedial Investigation Work Plan (Phases I and II) for the Sylvania Corning FUSRAP Site, Hicksville, County of Nassau, New York, Dated March 2007.

_____, 2008, Final Remedial Investigation Work Plan (Phase III Groundwater) for the Sylvania Corning FUSRAP Site, Hicksville, County of Nassau, New York, Dated October 2008.

_____, 2010, Final Remedial Investigation for the Sylvania Corning FUSRAP Site, Hicksville, County of Nassau, New York, Dated September 2010.

ERM-Northeast (ERM), 1993, Phase II Investigation Report, Air Techniques Site, Hicksville, Nassau County, New York, Site No. 1-30-040, GTE Operations Support Incorporated.

ESC Engineering of New York, P.C., 2004, Groundwater Interim Remedial Measure, Operable Unit No. 2, Full-Scale System Completion Report, Groundwater Circulation Well System, Former General Instrument Corporation Site, Hicksville, New York, Dated October 2004.

Fred C. Hart Associates, Inc. (FCHA), 1985, Letter Report on the Cleanup of the Wastewater Lagoon, General Instrument Corporation Site, Hicksville, New York, Dated July 1985.

Henningson, Durham, and Richardson Architecture and Engineering P.C. (HDR), 2010, Pre-Design Investigation Evaluation Report, New Cassel Industrial Area, Offsite Groundwater OU#3, Dated March 2010.

_____, 2011, Draft Pre-Design Investigation Report, New Cassel Industrial Area, Offsite Groundwater OU#3, Dated August 2011.

Lawler, Matusky and Skelly Engineers LLP (LMS), 2000, Remedial Investigation Report, New Cassel Industrial Area, Off-Site Groundwater, Town of North Hempstead, Nassau County, Dated September 2000.

The Louis Berger Group, Inc. (LBGI) and Ecology and Environment, Inc. (EEI), 2011, Final Work Plan Off-Site Groundwater Characterization and Feasibility Study for the Sylvania Corning FUSRAP Site, Hicksville, New York, Dated May 2011.

Malcolm Pirnie, Inc. (MPI), 2007, Groundwater Investigation Report, Former Sylvania Electric Products Incorporated Facility, Hicksville, New York, Voluntary Cleanup Program Site No. V00089-1, Dated January 2007.

_____, 2011, Groundwater Remedial Investigation Report, Former Sylvania Electric Products Incorporated Facility, Hicksville, New York, Voluntary Cleanup Program Site No. V00089-1, Dated January 2011.

New York State Department of Environmental Conservation (NYSDEC), 2003, Record of Decision, New Cassel Industrial Area Sites, Town of North Hempstead, Nassau County, New York, Off-Site Groundwater South of the New Cassel Industrial Area, Operable Unit No. 3, Dated October 2003.

Stearns and Wheler, LLC., 1992, Draft Remedial Investigation, General Instrument Corporation, Hicksville, New York, Dated January 1992.

_____, 1995. Supplemental Field Work, General Instrument Site, Hicksville, NY, Dated April 1995.

_____, 1997. Phase III Remedial Investigation, General Instrument Site, Hicksville, NY, Dated September 1997.

_____, 2002. Soil Boring Results, General Semiconductor Site, Hicksville, NY, Site Code 1-30-020, S&W No. 80147.5, Dated April 2002.

WSP Engineering of New York, P.C. (WSP), 2008, November 2007 Semiannual Groundwater Monitoring Report, Former General Instrument Corporation Site, Hicksville, New York, Dated March 2008.

_____, 2010, Operable Unit 1, Summary of SVE System Closure Sampling in Area A, Former General Instrument Corporation Site, Hicksville, New York, Dated August 2010.

United States Environmental Protection Agency (EPA), 2011, HRS Documentation Record, New Cassel/ Hicksville Ground Water Contamination, Dated March 2011.

United States Geological Survey (USGS), 1972a, Regional Rates of Ground-Water Movement on Long Island, New York, Professional Paper 800-C, pages C271-C277.

_____, 1972b, Water Transmitting Properties of Aquifers on Long Island, New York, Professional Paper 800-C, pages E1 to E24.

_____, 1983, Effects of Sanitary Sewers on Ground-Water Levels and Streams in Nassau and Suffolk Counties, New York, Part 1: Geohydrology, Modeling Strategy, and Regional Evaluation, Water Resources Investigations 82-4045.

URS Corporation (URS) and Envirocon, Inc., 2005a, Systematic Subsurface Soil Sampling and Analysis Report, Investigation Beneath the 100 Building, Former Sylvania Electric Products Incorporated Facility, Hicksville, New York, Dated November 2005.

_____, 2005b, West of the 140 and 100 Buildings and Southwest of the 100 Building (Survey Unit 01 and Survey Unit 02) Report, Former Sylvania Electric Products Incorporated Facility, Hicksville, New York, Dated November 2005.

_____, 2005c, Investigation Beneath the 140 Building (Survey Unit 06 and Survey Unit 07), Former Sylvania Electric Products Incorporated Facility, Hicksville, New York, Dated November 2005.

_____, 2005d, Investigation and Remediation of Soils North of the 140, Former Sylvania Electric Products Incorporated Facility, Hicksville, New York, Dated August 2005.

_____, 2005e, Cells 3, 4, 12, 14 and Golf Course Driving Range Subsurface Soil Delineation, Former Sylvania Electric Products Incorporated Facility, Hicksville, New York, Dated August 2005.

_____, 2005f, Cell 9 Subsurface Soil Delineation, Former Sylvania Electric Products Incorporated Facility, Hicksville, New York, Dated August 2005.

TABLES
New Cassel/Hicksville Ground Water Contamination Site
Nassau County, New York
July 2013

TABLE 1
Well Construction Details
New Cassel/Hicksville Ground Water Contamination Site
Nassau County, NY
October 2012

Well No.	Northing (feet)	Easting (feet)	TOC or GS Elev. (ft-amsl)	Screen/Sample Interval		Status	Comments
				Top (ft-bgs)	Bottom (ft-bgs)		
New Cassel Industrial Area OU-3							
EW-1B	214139.02	1106606.83	113.84	154	164	Active	
EW-1C	214133.38	1106591.29	113.99	506	516	Active	
EW-2B	214176.02	1105922.15	114.88	132	142	Active	
EW-2C	214169.96	1105910.27	114.80	504	514	Active	
EX-1	213894.38	1107322.85	107.71	185	205	Active	Groundwater extraction well.
EX-2	212587.22	1103835.27	105.47	265	285	Active	Groundwater extraction well.
FSMW-6A	214930.39	1107494.93	NA	70	80	Active	
FSMW-6B	214928.38	1107488.06	NA	149	159	Active	
FSMW-7A	214823.99	1107063.34	122.70	69	79	Active	
FSMW-7B	214816.77	1107063.15	121.27	148	158	Active	
FSMW-13A	214665.46	1107432.23	117.74	69	79	Active	
FSMW-13B	214659.28	1107433.80	117.77	119	129	Active	
FSMW-13C	214651.61	1107436.15	117.66	239	249	Active	
FSMW-14A	214580.13	1107262.83	116.99	119	129	Active	
FSMW-14B	214582.56	1107256.69	117.18	159	169	Active	
FSMW-14C	214584.35	1107249.01	116.97	239	249	Active	
GWHP-1	214657.78	1107129.44	NA	60	150	Inactive	Sampled at generally 10-foot intervals from HydroPunch boring.
GWHP-2	211592.49	1106085.25	NA	58	150	Inactive	Sampled at generally 10-foot intervals from HydroPunch boring.
GWHP-3	214136.05	1104185.50	NA	58	150	Inactive	Sampled at generally 10-foot intervals from HydroPunch boring.
GWHP-4	216555.29	1106236.13	NA	58	150	Inactive	Sampled at generally 10-foot intervals from HydroPunch boring.
MW-1	213450.19	1105300.86	113.67	90	110	Active	
MW-2	213453.60	1105304.62	113.69	110	130	Active	
MW-3	213456.32	1105307.42	113.67	130	150	Active	
MW-4	213460.96	1105312.86	113.76	180	200	Active	
MW-5	213806.40	1105650.97	115.64	90	110	Active	
MW-6	213802.99	1105653.58	115.70	110	130	Active	
MW-7	211946.79	1104331.50	105.92	90	110	Active	
MW-8	211947.25	1104337.36	105.85	120	140	Active	
MW-9	212954.47	1105703.40	109.94	310	315	Active	

TABLE 1
Well Construction Details
New Cassel/Hicksville Ground Water Contamination Site
Nassau County, NY
October 2012

Well No.	Northing (feet)	Easting (feet)	TOC or GS Elev. (ft-amsl)	Screen/Sample Interval		Status	Comments
				Top (ft-bgs)	Bottom (ft-bgs)		
MW-10	213449.23	1105233.35	113.05	275	285	Active	
MW-11S	212056.64	1104018.49	106.96	215	225	Active	
MW-11D	212056.64	1104018.49	106.96	275	285	Active	
MW-12	212461.12	1103100.39	104.70	215	225	Active	
MW-13	211667.02	1103498.73	105.26	200	210	Active	
MW-14	214120.66	1107347.51	111.85	185	205	Active	
MW-15	213749.98	1106780.90	111.03	185	205	Active	
MW-16S	213313.45	1106226.97	109.04	215	225	Active	
MW-16D	213313.45	1106226.97	109.07	275	285	Active	
MW-17S	213282.84	1107304.77	113.90	215	225	Active	
MW-17D	213282.84	1107304.77	113.87	275	285	Active	
NRMW-1	211513.00	1106072.00	107.01	60	70	Active	
NRMW-2	213343.00	1105420.00	112.70	60	70	Active	
NRMW-3	213033.00	1105923.00	108.24	60	70	Active	
NRMW-4	213356.00	1104001.00	110.03	60	70	Active	
TMW-1	212023.94	1103888.96	NA	72	285	Inactive	Sampled at generally 10- to 20-foot intervals from temporary monitor wells.
TMW-2	212826.11	1103638.25	NA	65	285	Inactive	Sampled at generally 20-foot intervals from temporary monitor wells.
TMW-3D	212720.39	1104659.48	NA	52	502	Inactive	Sampled at generally 20-foot intervals from temporary monitor wells.
TMW-4	212458.05	1105294.74	NA	65	285	Inactive	Sampled at 20-foot intervals from temporary monitor wells.
TMW-5	213463.41	1105545.03	NA	65	285	Inactive	Sampled at 20-foot intervals from temporary monitor wells.
TMW-6	214301.81	1106269.29	NA	63	283	Inactive	Sampled at 20-foot intervals from temporary monitor wells.
TMW-7	214207.61	1107381.31	NA	65	285	Inactive	Sampled at 20-foot intervals from temporary monitor wells.
TMW-8D	213297.60	1106240.24	NA	52	502	Inactive	Sampled at generally 20-foot intervals from temporary monitor wells.
TMW-9	213417.25	1104512.43	NA	60	280	Inactive	Sampled at 20-foot intervals from temporary monitor wells.
GTEOSI							
MW-1	219282.26	1109064.47	142.68	58	78	Inactive	Decommissioned in 2003.
MW-2	219286.98	1109131.42	142.36	58	78	Inactive	Decommissioned in 2003.
MW-3	219002.76	1108996.06	141.12	58	78	Active	
MW-4	219031.11	1109103.06	140.73	58	78	Active	
MW-5	219246.85	1109234.58	142.29	58	78	Inactive	Decommissioned in 2003.

TABLE 1
Well Construction Details
New Cassel/Hicksville Ground Water Contamination Site
Nassau County, NY
October 2012

Well No.	Northing (feet)	Easting (feet)	TOC or GS Elev. (ft-amsl)	Screen/Sample Interval		Status	Comments
				Top (ft-bgs)	Bottom (ft-bgs)		
MW-6	219238.97	1109255.77	142.45	58	78	Inactive	Decommissioned in 2003.
MW-7	219468.63	1109357.78	143.09	58	78	Inactive	Decommissioned in 2003.
MW-8	219009.41	1109060.39	140.91	120	130	Active	
MW-9	219036.42	1109195.54	141.58	72	82	Active	
MW-10	219039.36	1109218.76	141.47	120	130	Active	
MW-11	219079.07	1109296.90	141.77	71	81	Active	
MW-12	219057.73	1109301.31	142.28	120	130	Active	
MW-55I	219559.76	1109452.50	136.65	85	95	Active	
MW-P110-355	213717.02	1109434.84	118.71	345	355	Active	
MW-P110-440	213702.57	1109439.01	118.91	430	440	Active	
MW-P114-170	213920.33	1110463.49	120.02	160	170	Active	
MW-P114-290	213904.34	1110454.96	119.90	280	290	Active	
W-24	NA	NA	146.60	67	87	Inactive	Located to north in Nassau County Department of Public Works yard.
W-24D	NA	NA	145.45	109	129	Inactive	Located to north in Nassau County Department of Public Works yard.
W-25	NA	NA	145.97	64	84	Inactive	Located to north in Nassau County Department of Public Works yard.
Former Sylvania							
MW-13S	219755.81	1108764.46	145.3	70	80	Active	On NCDPW site to north
MW-13D	219754.58	1108775.11	145.42	290	300	Active	On NCDPW site to north
MW-14S	219812.98	1109078.70	144.39	70	80	Active	On NCDPW site to north
MW-14D	219828.19	1109083.22	144.29	294	304	Active	On NCDPW site to north
MW-14DD	219846.10	1109088.99	144.04	365	375	Active	On NCDPW site to north
MW-15S	219751.76	1109340.84	144.18	70	80	Active	On NCDPW site to north
MW-15D	219760.98	1109357.20	144.14	300	310	Active	On NCDPW site to north
MW-15DD	219742.81	1109354.66	144.24	360	370	Active	On NCDPW site to north
MW-16S	220169.77	1109630.96	145.52	70	80	Active	
MW-16D	220170.22	1109648.11	144.72	280	290	Active	
MW-17S	219668.79	1108969.28	144.48	65	75	Active	
MW-18S	219623.98	1109344.50	144.01	62	72	Active	
MW-18I	219610.04	1109338.61	144.16	118	128	Active	
MW-19S	219606.67	1108964.58	143.27	70	80	Active	

TABLE 1
Well Construction Details
New Cassel/Hicksville Ground Water Contamination Site
Nassau County, NY
October 2012

Well No.	Northing (feet)	Easting (feet)	TOC or GS Elev. (ft-amsl)	Screen/Sample Interval		Status	Comments
				Top (ft-bgs)	Bottom (ft-bgs)		
MW-19D	219606.48	1108952.25	143.18	296	306	Active	
MW-20S	219567.86	1109323.36	143.89	70	80	Active	
MW-20I	219552.35	1109310.52	144.13	140	150	Active	
MW-20D	219561.48	1109312.83	144.01	300	310	Active	
MW-21D	219484.07	1108737.14	143.16	300	310	Active	
MW-21I	219472.33	1108737.14	143.16	170	180	Active	
MW-22S	219412.43	1109340.10	144.21	70	80	Active	
MW-22I	219399.95	1109338.68	144.29	140	150	Active	
MW-22D	219392.39	1109334.39	144.17	305	315	Active	
MW-23S	219265.09	1108968.58	141.94	90	100	Active	
MW-23I	219256.48	1108976.54	141.75	170	180	Active	
MW-23D	219265.64	1108976.29	141.66	330	340	Active	
MW-24S	219336.90	1109094.78	142.43	70	80	Active	
MW-24DD	219337.08	1109085.13	145.66	360	370	Active	
MW-25S	219236.75	1108768.63	142.15	105	115	Active	
MW-25I	219219.53	1108770.39	142.00	230	240	Active	
MW-25D	219227.63	1108769.75	142.16	340	350	Active	
MW-26I	219265.30	1108864.44	142.40	110	120	Active	
MW-26D	219260.25	1108868.37	142.10	266	276	Active	
MW-27S	219236.67	1109092.07	141.66	80	90	Active	
MW-27I	219240.51	1109097.44	141.53	280	290	Active	
MW-27D	219240.51	1109097.44	141.64	365	375	Active	
MW-28S	219267.08	1109279.72	144.59	90	100	Active	On GCDR to east
MW-28I	219263.60	1109270.16	147.25	149	159	Active	On GCDR to east
MW-28D	219275.31	1109273.99	147.30	277	287	Active	On GCDR to east
MW-30S	218953.99	1108771.74	140.91	90	100	Active	
MW-30I	218958.16	1108787.67	140.92	230	240	Active	
MW-30D	218955.84	1108779.60	140.96	330	340	Active	
MW-31I	218998.56	1109004.30	140.99	180	190	Active	
MW-31D	218996.58	1108997.26	140.91	320	330	Active	

TABLE 1
Well Construction Details
New Cassel/Hicksville Ground Water Contamination Site
Nassau County, NY
October 2012

Well No.	Northing (feet)	Easting (feet)	TOC or GS Elev. (ft-amsl)	Screen/Sample Interval		Status	Comments
				Top (ft-bgs)	Bottom (ft-bgs)		
MW-32D	219079.80	1109291.05	141.24	295	305	Active	
MW-33S	219259.46	1109471.56	135.84	65	75	Active	On GCDR to east
MW-33D	219265.89	1109481.07	135.56	290	300	Active	On GCDR to east
MW-34S	219165.60	1109692.72	136.76	65	75	Active	On GCDR to east
MW-34D	219167.75	1109702.65	136.59	270	280	Active	On GCDR to east
MW-39S	218962.25	1108815.90	141.05	76	86	Active	
MW-41S	219576.13	1109279.36	143.62	66	76	Active	
MW-42I	219570.81	1109383.96	143.80	140	150	Active	
MW-43S	219515.52	1109327.65	144.03	65	75	Active	
MW-44S	219302.78	1108970.41	142.85	65	75	Active	
MW-49S	219338.60	1108812.55	143.98	100	110	Active	
MW-50I	219197.64	1108903.78	141.71	120	130	Active	
MW-51I	219015.32	1109094.89	140.52	130	140	Active	
MW-52D	219148.36	1109567.12	137.07	275	285	Active	On GCDR to east
MW-53S	219129.66	1109462.22	137.21	70	80	Active	On GCDR to east
MW-55S	219559.76	1109452.50	136.50	85.5	95.5	Active	On GCDR to east
General Instrument							
S-1-325	213800.45	1109869.93	119.98	285	325	Active	
S-1-450	213800.77	1109870.04	119.93	410	450	Active	
UVB-1	216450.07	1108886.67	NA	210	240	Inactive	Groundwater recirculation well.
				285	315		
				360	380		
UVB-2	2160005.73	1108640.70	NA	210	240	Inactive	Groundwater recirculation well.
				285	315		
				360	380		
UVB-3	216555.76	1109202.26	NA	210	240	Inactive	Groundwater recirculation well.
				285	315		
				360	380		
W-1-75	218830.11	1109106.86	139.80	65	75	Active	
W-1-120	218839.34	1109099.30	139.33	110	120	Active	
W-2-70	218772.64	1109070.18	139.25	60	70	Active	

TABLE 1
Well Construction Details
New Cassel/Hicksville Ground Water Contamination Site
Nassau County, NY
October 2012

Well No.	Northing (feet)	Easting (feet)	TOC or GS Elev. (ft-amsl)	Screen/Sample Interval		Status	Comments
				Top (ft-bgs)	Bottom (ft-bgs)		
W-2-120	218758.00	1109089.00	NA	110	120	Inactive	Abandoned
W-3-72	218985.21	1109072.29	140.88	62	72	Active	
W-3-112	218992.41	1109071.12	140.71	102	112	Active	
W-5-78	218404.23	1108995.96	141.01	68	78	Active	
W-6-79	218428.26	1109179.60	140.39	69	79	Active	
W-8-71	219039.93	1109322.09	141.25	61	71	Active	
W-9-71	218805.00	1109033.00	139.32	61	71	Inactive	Damaged or destroyed.
W-10-70	218492.38	1109241.73	139.13	60	70	Inactive	Damaged or destroyed.
W-10-71	218388.54	1108813.29	139.27	61	71	Active	
W-10-120	218376.12	1108814.76	138.52	110	120	Active	
W-11-70	218490.00	1109245.00	139.10	60	70	Active	
W-12-70	218463.84	1109389.05	138.56	60	70	Active	
W-12-120	218463.12	1109381.53	138.28	110	120	Active	
W-13-63			NA	53	63	Inactive	Damaged or destroyed.
W-14-150	218837.64	1109108.59	139.65	140	150	Active	
W-15-168	218200.94	1108867.25	134.37	158	168	Active	
W-16-148	218248.07	1109205.06	139.55	138	148	Active	
W-17-130	218257.00	1109313.00	NA	120	130	Inactive	
W-18-150	217372.48	1109179.95	135.87	140	150	Active	
W-19-110	217398.97	1109278.95	133.98	100	110	Active	
W-19-150	217398.93	1109278.77	134.09	140	150	Active	
W-20-120	217306.05	1109013.64	134.27	100	110	Active	
W-20-160	217306.17	1109014.01	134.42	150	160	Active	
W-21-150	217193.59	1108680.33	NA	140	150	Inactive	Damaged or destroyed.
W-21-180	217193.59	1108680.33	NA	170	180	Inactive	Damaged or destroyed.
W-22-95	218441.85	1109091.54	139.46	85	95	Active	
W-23-110	217819.01	1108789.41	134.21	100	110	Active	
W-24-260	217532.01	1108435.95	133.11	250	260	Active	
W-25-150	217162.46	1108555.28	131.15	140	150	Active	
W-25-188	217162.72	1108554.98	131.34	178	188	Active	

TABLE 1
Well Construction Details
New Cassel/Hicksville Ground Water Contamination Site
Nassau County, NY
October 2012

Well No.	Northing (feet)	Easting (feet)	TOC or GS Elev. (ft-amsl)	Screen/Sample Interval		Status	Comments
				Top (ft-bgs)	Bottom (ft-bgs)		
W-26-270	216618.46	1109374.25	119.91	260	270	Active	
W-27-240	216474.81	1108928.53	124.46	210	240	Active	
W-27-285	216475.64	1108932.98	123.64	275	285	Active	
W-28-262	216375.00	1108687.00	NA	252	262	Inactive	Abandoned.
W-30-285	216536.61	1109150.83	122.99	275	285	Active	
W-31-95	218256.87	1109258.27	138.94	85	95	Active	
W-32-110	218699.33	1108849.47	139.37	100	110	Active	
W-34-285	217344.71	1109122.27	134.56	275	285	Active	
W-35-240	216329.00	1108921.00	123.30	230	240	Inactive	Abandoned
W-35-315	216329.00	1108921.00	123.52	305	315	Inactive	Abandoned
W-35-380	216329.00	1108921.00	123.68	370	380	Inactive	Abandoned
W-36-390	213889.49	1108271.23	117.65	350	390	Active	
W-36-448	213889.45	1108271.54	117.65	418	448	Active	
W-37-325	215594.50	1107539.94	124.00	285	325	Active	
W-37-385	215594.31	1107539.90	124.01	355	385	Active	
Anchor Chemical							
PW-02	218052.98	1109640.14	134.45	71	162	Active	CMT multilevel well with seven 2-foot sampling ports.
PW-03	218036.53	1109746.24	134.18	70	163	Active	CMT multilevel well with seven 2-foot sampling ports.
PW-04	218107.17	1109958.49	130.72	71	163	Active	CMT multilevel well with seven 2-foot sampling ports.
PW-05	217670.32	1109481.43	132.43	68.5	221	Active	CMT multilevel well with seven 2-foot sampling ports.
PW-06	217610.45	1109694.83	132.10	70	222	Active	CMT multilevel well with seven 2-foot sampling ports.
PW-07	217856.59	1109922.09	129.11	70	221	Active	CMT multilevel well with seven 2-foot sampling ports.
123 Post Avenue							
OU2-1	213738.02	1098158.37	NA	35	50	Active	
OU2-2	213545.44	1098122.97	NA	56	66	Active	
OU2-3	212716.62	1097779.57	NA	90	100	Active	
OU2-4	212208.83	1097657.79	NA	104	114	Active	
OU2-5	212037.49	1097837.63	NA	111	121	Active	
OU2-6	212753.53	1097853.65	NA	105	115	Active	
OU2-7A	212675.49	1097750.64	NA	90	100	Active	
OU2-7B	212675.49	1097750.64	NA	110	120	Active	

TABLE 1
Well Construction Details
New Cassel/Hicksville Ground Water Contamination Site
Nassau County, NY
October 2012

Well No.	Northing (feet)	Easting (feet)	TOC or GS Elev. (ft-amsl)	Screen/Sample Interval		Status	Comments
				Top (ft-bgs)	Bottom (ft-bgs)		
OU2-7C	212675.49	1097750.64	NA	140	150	Active	
OU2-8A	212538.15	1097747.52	NA	90	100	Active	
OU2-8B	212538.15	1097747.52	NA	115	125	Active	
OU2-8C	212538.15	1097747.52	NA	140	150	Active	
OU2-9A	212541.27	1097816.19	NA	90	100	Active	
OU2-9B	212541.27	1097816.19	NA	115	125	Active	
OU2-9C	212541.27	1097816.19	NA	140	150	Active	
OU2-10A	212550.63	1097881.74	NA	90	100	Active	
OU2-10B	212550.63	1097881.74	NA	115	125	Active	
OU2-10C	212550.63	1097881.74	NA	140	150	Active	
OU2-11	212257.22	1097753.76	NA	190	200	Active	
IW-1	212733.53	1097719.57	NA	90	95	Active	Oxidation injection well.
IW-3	212753.53	1097809.57	NA	90	95	Active	Oxidation injection well.
IW-4	212753.53	1097913.65	NA	90	95	Active	Oxidation injection well.

TOC = top of casing
GS = ground surface
ft-amsl = feet above mean sea level
ft-bgs = feet below ground surface
Vertical datum = NAVD 88
Coordinate system = NAD83 New York State Plane, Long Island Zone
NA - not available
Coordinates for the 123 Post Avenue site wells were estimated using Geographic Information System software.

TABLE 2
Groundwater Elevation Data
New Cassel/Hicksville Ground Water Contamination Site
Nassau County, NY
October 2012

Well No.	Date	Top of Casing Elev. (ft-amsl)	Screen Interval (ft-bgs)		Depth to Groundwater (ft-btoc)	Groundwater Elevation (ft-amsl)
New Cassel Industrial Area Site						
MW-9	12/3/2009	109.94	310	315	41.55	68.39
FSMW-14C	12/3/2009	116.97	239	249	45.76	71.21
General Instrument Site						
S-1-325	11/30/2009	119.90	285	325	49.65	70.25
W-24-260	11/30/2009	133.04	250	260	57.24	75.80
W-26-270	11/30/2009	119.84	260	270	44.96	74.88
W-27-285	11/30/2009	123.58	275	285	49.11	74.47
W-30-285	11/30/2009	122.93	275	285	48.03	74.90
W-34-285	11/30/2009	134.54	275	285	59.01	75.53
W-36-390	11/30/2009	117.59	350	390	47.63	69.96
W-37-325	11/30/2009	123.94	285	325	50.96	72.98

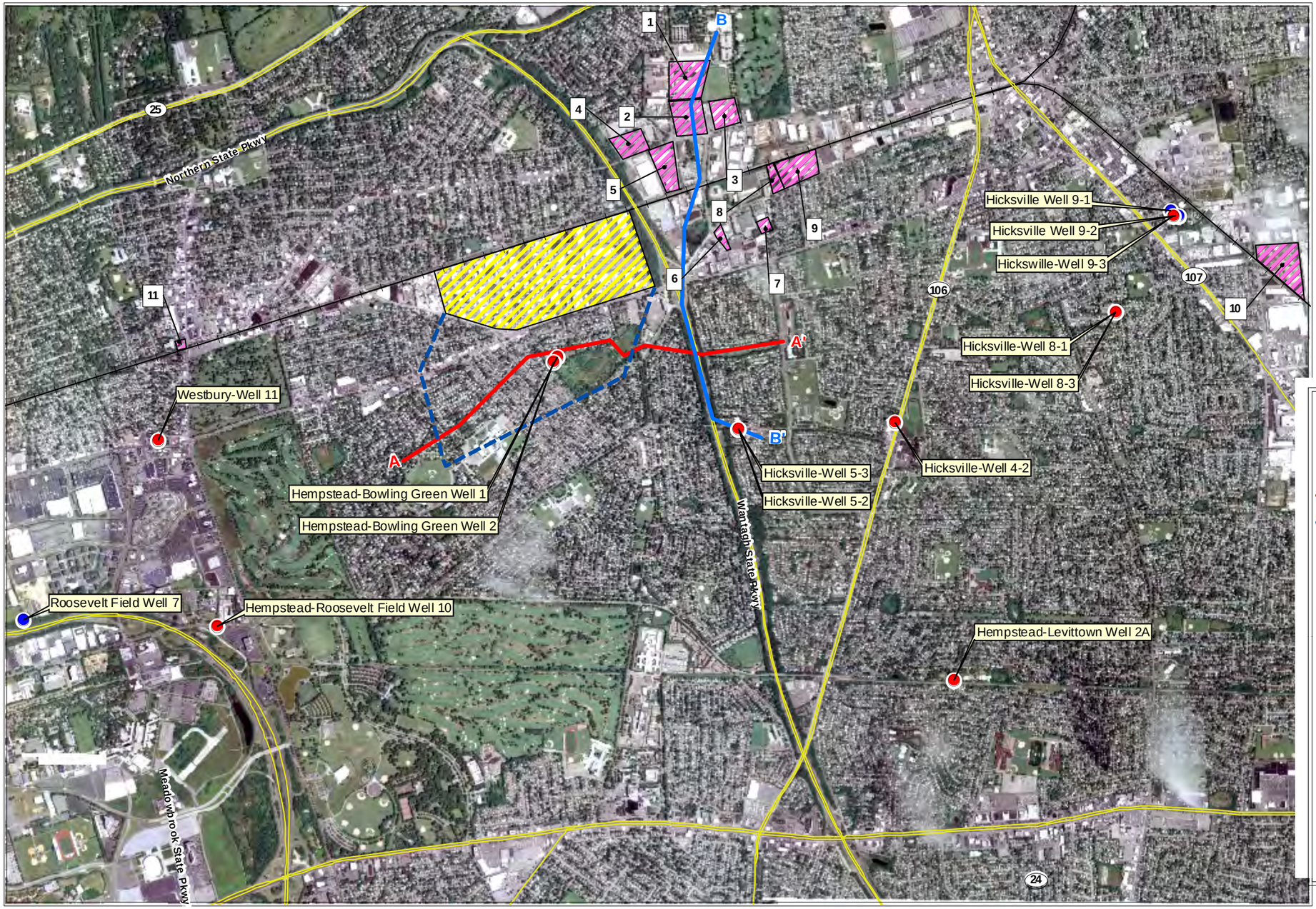
ft-amsl = feet above mean sea level
ft-bgs = feet below ground surface
ft-btoc = feet below top of casing

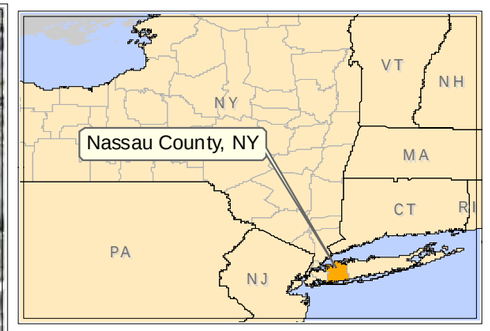
TABLE 3
Upgradient Well Construction Details
New Cassel Industrial Area OU-3
Nassau County, NY
October 2012

Well No.	Northing (feet)	Easting (feet)	TOC or GS Elev. (ft-amsl)	Screen/Sample Interval		Status
				Top (ft-bgs)	Bottom (ft-bgs)	
N-5007	218110.92	1102868.06	NA	209	259	Unknown
N-5655	217014.85	1106336.38	NA	205	255	Unknown
N-6819	216609.87	1106338.47	NA	215	265	Unknown
N-7353	218105.87	1103151.45	NA	300	390	Unknown
N-9354	216780.13	1099719.38	NA	89	94	Unknown
N-10459	217192.00	1106450.00	NA	68	78	Unknown
N-10460	217395.00	1107526.00	NA	68	78	Unknown
N-10461	216303.74	1105801.23	NA	66	76	Unknown
N-10462	216381.00	1104914.00	NA	64	74	Unknown

TOC = top of casing
GS = ground surface
ft-amsl = feet above mean sea level
ft-bgs = feet below ground surface
Vertical datum = NAVD 88
Coordinate system = NAD83 New York State Plane, Long Island Zone
NA - not available
Well information from USGS Nassau County Database

FIGURES
New Cassel/Hicksville Ground Water Contamination Site
Nassau County, New York
July 2013





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Legend

- Public Supply Well with Observed Release Concentration
- Public Supply Well with Background Concentration
- Geologic Cross Section A-A'
- Geologic Cross Section B-B'
- New Cassel Industrial Area
- New Cassel Industrial Area Off-Property Groundwater OU3
- Other Sites Where Chlorinated Solvents Were Used
  - 1 - Former Sylvania
  - 2 - General Instrument
  - 3 - Former Anchor Chemical
  - 4 - Metco
  - 5 - Former Harris PRD
  - 6 - Former Depew Manufacturing
  - 7 - Former Bowe Systems
  - 8 - Former Magnusonic
  - 9 - Former Alsy Manufacturing
  - 10 - Hooker Chemical/Ruco Polymer
  - 11 - 123 Post Avenue

NOTE: Sites 2 through 9 are downgradient or along plume path of former Sylvania.

2,000 0 2,000
Feet

Map created using NAIP imagery data from USGS, Sample Location supplied by EPA.

Map Creation Date: 03 October 2011

Coordinate system: New York State Plane Long Island
FIPS: 3104
Datum: NAD83
Units: Feet

Data: g:\arcviewprojects\SERAS01\00-144
MXD file: g:\ArcInfoProjects\SERAS01\SER00144_NewCassel_IndustrialArea\144_Site_Location_F1

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W.A. # 0-144

Figure 1
Site Location
NCHGW Superfund Site
Nassau County, New York

R2-0011935

Map created using NAIP imagery data from USGS, Sample Location supplied by USGS.

Map Creation Date: 08 December 2011

Coordinate system: New York State Plane Long Island
FIPS: 3104
Datum: NAD83
Units: Feet

Data: g:\arcviewprojects\SERAS01\00-144
MXD file: g:\ArcInfoProjects\SERAS01\SER00144_NewCassel_IndustrialArea\144_Well_Boring_Locations(New)_F2

N
W E
S

680 0 680
Feet

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Figure 2
Well and Boring Locations
New Cassel Industrial Area OU-3
and 123 Post Avenue
Nassau County, New York

R2-0011936

Legend

- Active Monitor Well

Map created using NAIP imagery data from USGS, Sample Location supplied by EPA.

Map Creation Date: 29 August, 2012

Coordinate system: New York State Plane Long Island
FIPS: 3104
Datum: NAD83
Units: Feet

Data: g:\arcviewprojects\SERAS01\00-144
MXD file: g:\ArcInfoProjects\SERAS01\SER00144_NewCassel_IndustrialArea\144_Former_Sylvania_Well_Loc_F3

250 0 250
Feet

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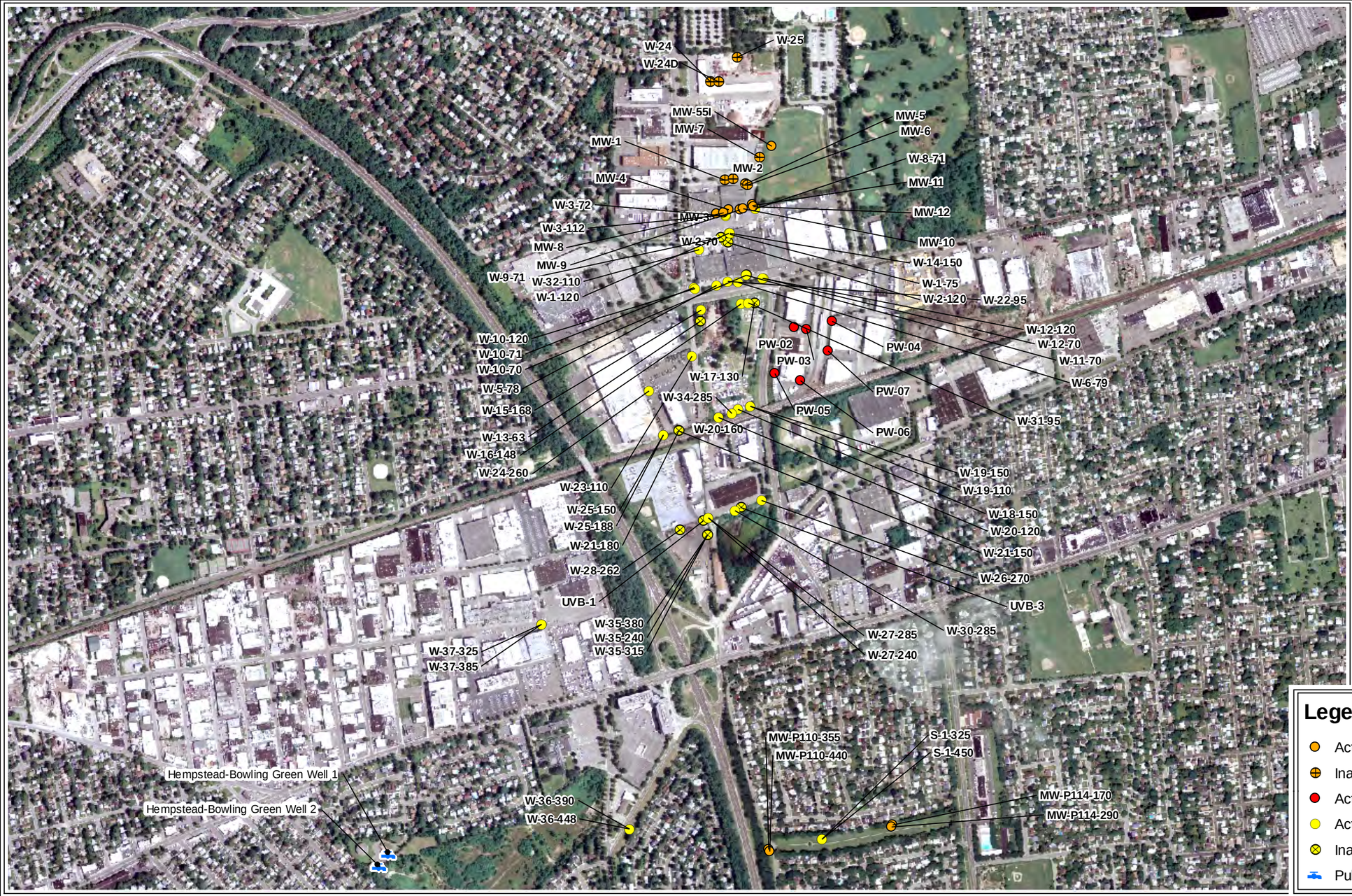
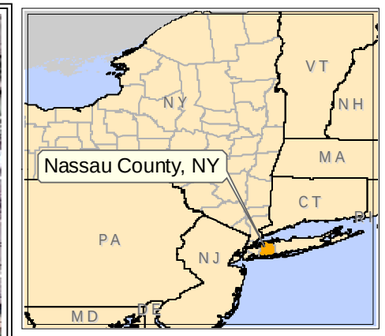
Figure 3
Well Locations
Former Sylvania
NCHGW Superfund Site
Nassau County, New York





N
W E
S

Legend

- Active Monitor Well, GTEOSI
- Inactive Monitor Well, GTEOSI
- Active Monitor Well, Anchor Chemical
- Active Monitor Well, General Instrument
- Inactive Monitor Well, General Instrument
- Public Supply Wells

Map created using NAIP imagery data from USGS, Sample Location supplied by USGS.

Map Creation Date: August 2012

Coordinate system: New York State Plane Long Island
FIPS: 3104
Datum: NAD83
Units: Feet

Data: g:\arcviewprojects\SERAS01\00-144
MXD file: g:\ArcInfoProjects\SERAS01\SER00144_NewCassel_IndustrialArea\144_AnchChem_GEIndust_Well_Loc_F4

0 850 1,700
Feet

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Figure 4
Well Locations
GTEOSI, Anchor Chemical and General Instrument
NCHGW Superfund Site
Nassau County, New York

R2-0011938

N
W E
S
Magnetic North

Legend

- Monitor Well Location
- Groundwater Elevation Contour (C.I.= 1 ft)
- Groundwater Flow Direction

Note:
Groundwater elevation measured in MW-9 and FSMW-14C on 12/3/2009 and in all other wells on 11/30/2009.

Map created using NAIP imagery data from USGS, Sample Location supplied by EPA.

Map Creation Date: 11 November 2011

Coordinate system: New York State Plane Long Island
FIPS: 3104
Datum: NAD83
Units: Feet

Data: g:\arcviewprojects\SERAS01\00-144
MXD file: g:\ArcInfoProjects\SERAS01\SER00144_NewCassel_IndustrialArea\144_Groundwater_Elevation_Contour_Map_F5

600 0 600
Feet

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Figure 5
Groundwater Elevation Contour Map
(239 to 325 Feet BGS)
NCHGW Superfund Site
Nassau County, New York

LEGEND

- MONITORING WELL
- EARLY WARNING DETECTION WELL
- 285' VERTICAL PROFILE LOCATION
- 500' VERTICAL PROFILE LOCATION
- LOW PERMEABILITY ZONE (based on gamma logs)
- MEASURED VERTICAL HYDRAULIC CONDUCTIVITY (based on laboratory tests)
- TW-11 PROPOSED 140 FT. DEEP TREATMENT WELL
- TW-5 PROPOSED 200 FT. DEEP TREATMENT WELL
- TW-1 PROPOSED 225 FT. DEEP TREATMENT WELL

GW FLOW DIRECTION

NEW CASSEL INDUSTRIAL AREA

BOWLING GREEN WATER DISTRICT

NEW CASSEL INDUSTRIAL AREA OFF-SITE STUDY AREA

TMW-1, TMW-2, TMW-3D, TMW-4, TMW-5, TMW-6, TMW-7, TMW-8D, TMW-9

MW-1, MW-2, MW-3, MW-4, MW-5, MW-6, MW-7, MW-8, MW-9

EW-1B, EW-1C, EW-2B, EW-2C

TW-1, TW-2, TW-3, TW-4, TW-5, TW-6, TW-7, TW-8, TW-9, TW-10, TW-11

TMW 1 / TMW 2 / TMW 3C / TMW 4 / TMW 5 / TMW 6 / TMW 7 / TMW 8C / TMW 9 — FT. bgs.

28.6% GRAVEL; 53.1% SAND; 18.3% SILT/CLAY – 9.2X10⁻²cm/s (0.026 FT/DAY)

51.5% SAND; 48.5% SILT/CLAY – 5.7X10⁻³cm/s (0.0016 FT/DAY)

76.3% SAND; 23.7% SILT/CLAY – 1.2x10⁻²cm/s (0.034 FT/DAY)

86.9% SAND; 13.1% SILT/CLAY

88.7% SAND; 11.3% SILT/CLAY

81.1% SAND; 18.9% SILT/CLAY – 5.4x10⁻³cm/s (0.015 FT/DAY)

49% GRAVEL; 46.5% SAND; 4.5% SILT/CLAY

63.8% GRAVEL; 34% SAND; 2.2% SILT/CLAY – 6.1x10⁻²cm/s (173 FT/DAY)

12.2% GRAVEL; 68.8% SAND; 19% SILT/CLAY – 2.2x10⁻³cm/s (0.062 FT/DAY)

61.6% SAND; 18.4% SILT/CLAY – 9.4x10⁻³cm/s (0.266 FT/DAY)

1.6% SAND; 98.4% SILT/CLAY – 9.0x10⁻⁴cm/s (0.0003 FT/DAY)

NOTE:

PROPOSED TREATMENT WELL LOCATIONS ARE APPROXIMATE AND ARE BASED ON INFORMATION PRESENTED IN THE RECORD OF DECISION

REFERENCE: Predesign Investigation Report, 2009, Dvirka and Bartilucci.

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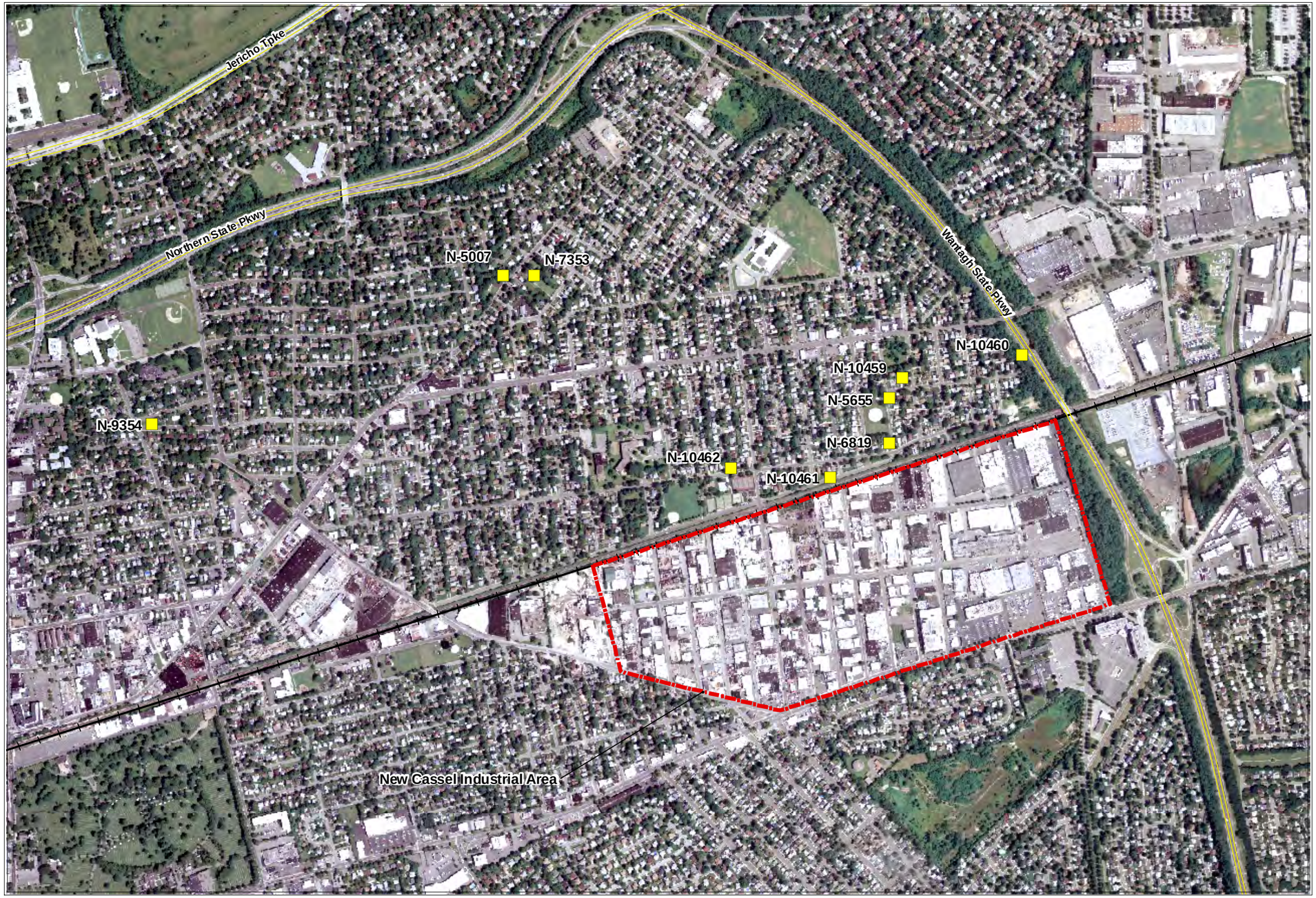
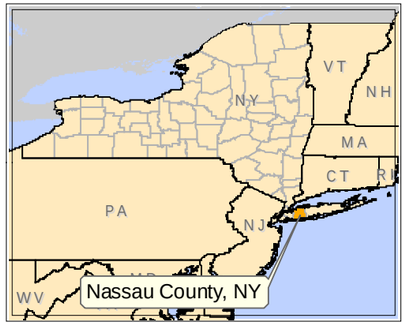
W.A.# 0 -144

Figure 6
Low Permeability Layers Based on Geophysical Logging Results
NCHGW Superfund Site
Nassau County, NY

00-144/144_GED_LOG_Results_F6.dwg 08/02/12

R2-0011940





N
W E
S

Magnetic North

Legend

- Upgradient Well
- Outline of NCIA

900 0 900

Feet

Map created using NAIP imagery data from USGS, Sample Location supplied by EPA.

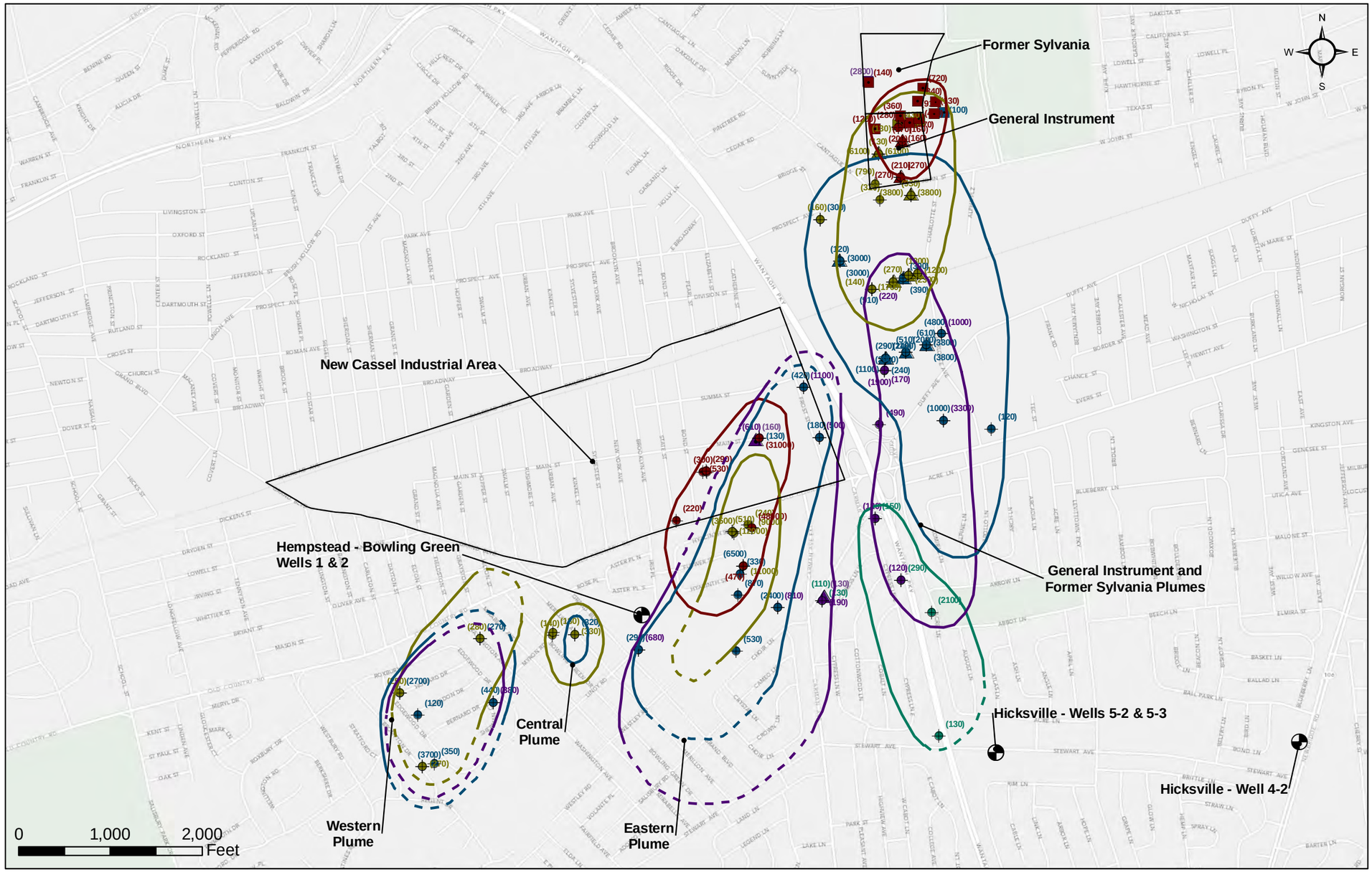
Map Creation Date: 29 August 2012

Coordinate system: New York State Plane Long Island
FIPS: 3104
Datum: NAD83
Units: Feet

Data: g:\arcviewprojects\SERAS01\00-144
MXD file: g:\ArcInfoProjects\SERAS01\SER00144_NewCassel_IndustrialArea\144_Upgradient Well Loc_F7

U.S EPA Environmental Response Team Scientific Engineering Response and Analytical Services EP-W-09-031 W.A.# 0-144	Figure 7 Upgradient Well Locations NCHGW Superfund Site Nassau County, New York

R2-0011941



Legend

Public Supply Wells

100 ug/L Tetrachloroethylene isoconcentration Contours (DASHED WHERE INFERRED)

- 50 - 100 FEET BGS
- 101 - 200 FEET BGS
- 201 - 300 FEET BGS
- 301 - 400 FEET BGS
- 401 - 500 FEET BGS

New Cassel Off-property Tetrachloroethylene > 99 ug/L

- 50 - 100 FEET BGS
- 101 - 200 FEET BGS
- 201 - 300 FEET BGS
- 301 - 400 FEET BGS
- 401 - 500 FEET BGS

General Instrument Tetrachloroethylene > 99 ug/L

- 50 - 100 FEET BGS
- 101 - 200 FEET BGS
- 201 - 300 FEET BGS
- 301 - 400 FEET BGS
- 401 - 500 FEET BGS

Former Sylvania Tetrachloroethylene > 99 ug/L

- 50 - 100 FEET BGS
- 101 - 200 FEET BGS
- 201 - 300 FEET BGS
- 301 - 400 FEET BGS

Map Content: Base Map supplied by ESRI, Sample Locations supplied by EPA

Map Creation Date: 29 December 2011

Coordinate System: New York State Plane Long Island
FIPS: 3104
Datum: NAD83
Units: Feet

NCHGW Superfund Site
100 ug/L isoconcentration Contours
for Tetrachloroethylene (PCE)

U.S EPA Environmental Response Team
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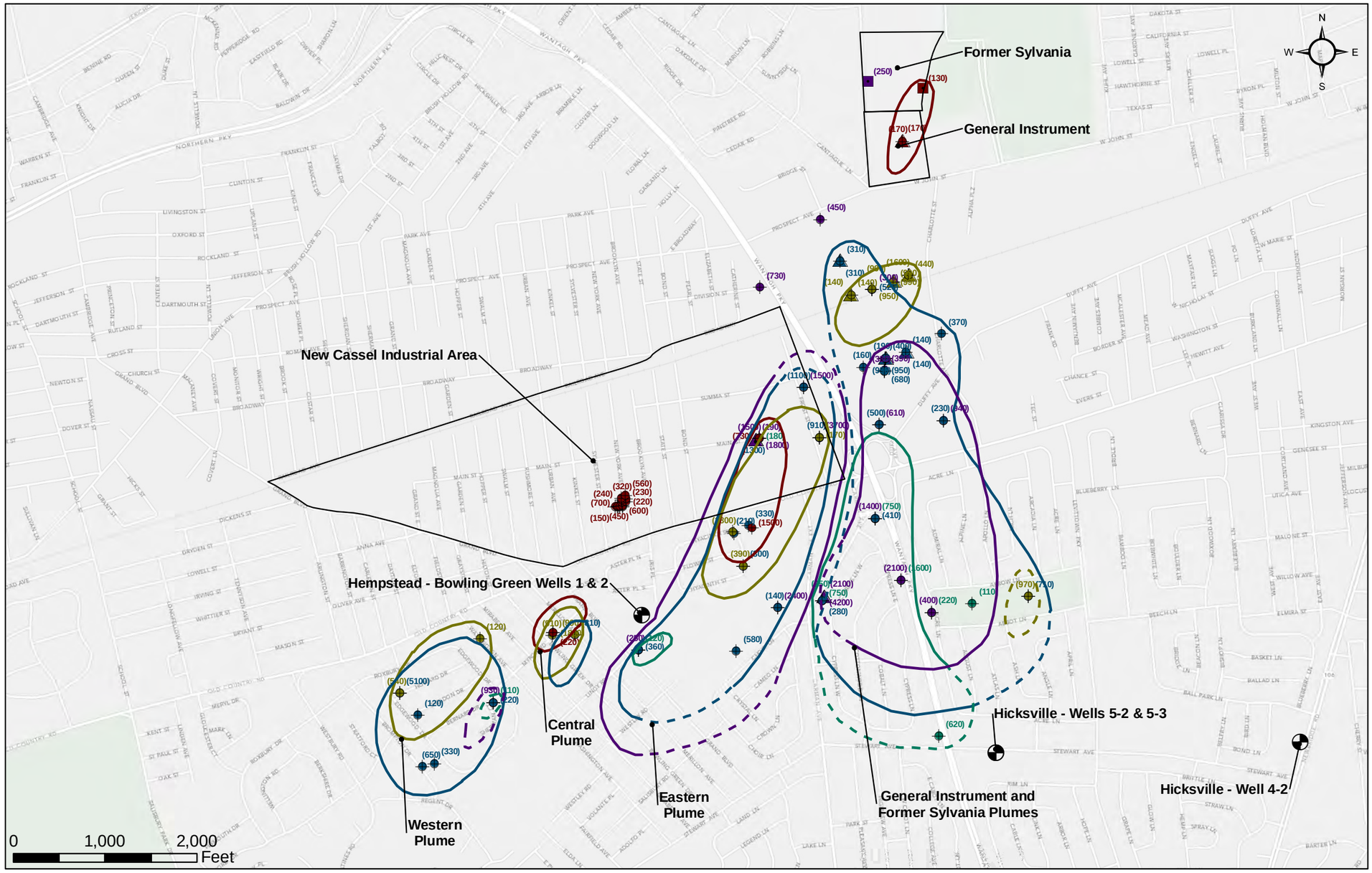
EP-W-09-031
W.A.# 0-144

Figure 8
NCHGW Superfund Site
100 ug/L isoconcentration Contours
for Tetrachloroethylene (PCE)
Nassau County, New York

R2-0011942



Legend

- Public Supply Wells

100 ug/L Trichloroethylene isoconcentration Contours (DASHED WHERE INFERRED)

- 50-100 FEET BGS
- 101-200 FEET BGS
- 201-300 FEET BGS
- 301-400 FEET BGS
- 401-500 FEET BGS

New Cassel Off-property Trichloroethylene > 99 ug/L

- 50 - 100 FEET BGS
- 101 - 200 FEET BGS
- 201 - 300 FEET BGS
- 301 - 400 FEET BGS
- 401 - 500 FEET BGS

General Instrument Trichloroethylene > 99 ug/L

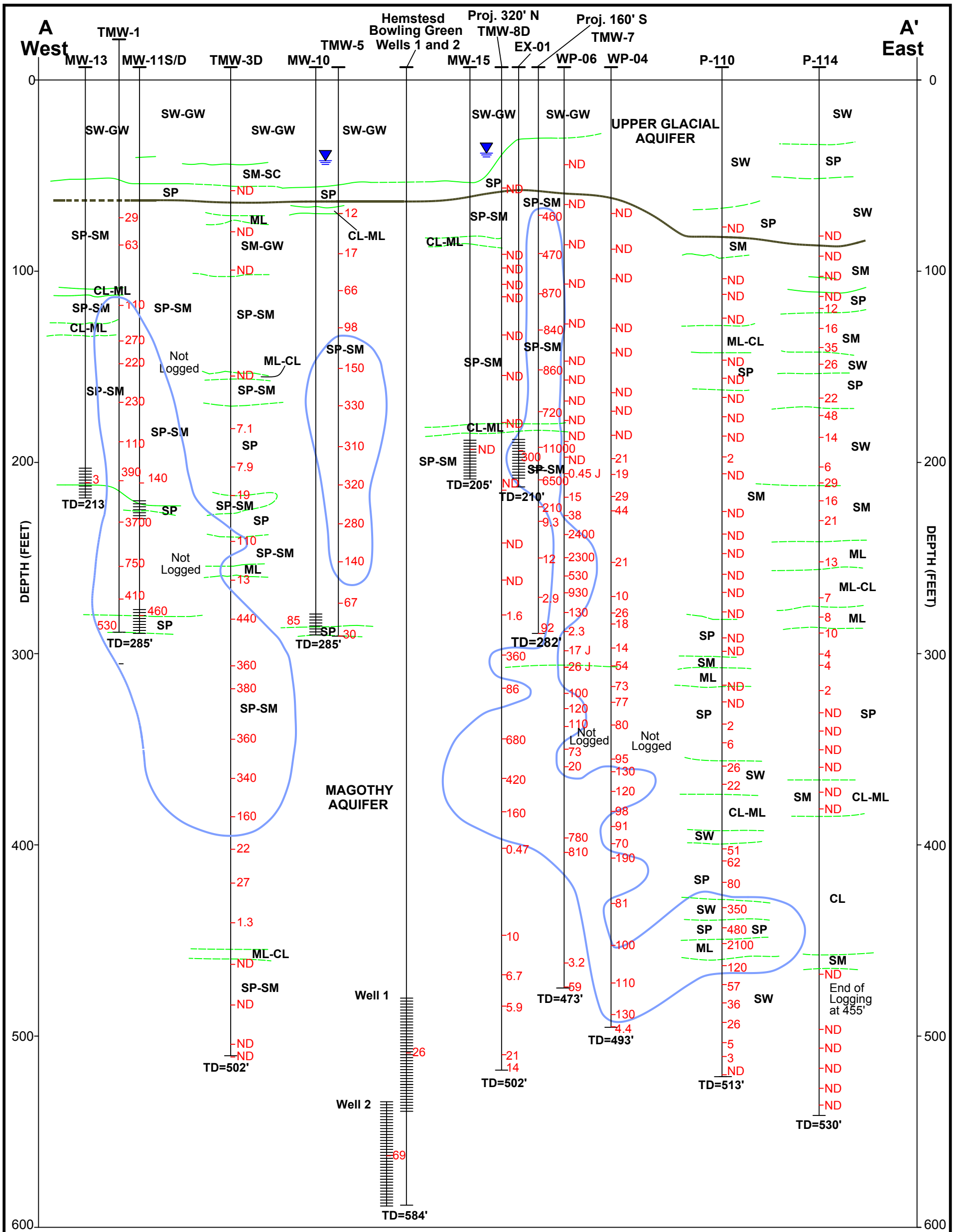
- 50 - 100 FEET BGS
- 101 - 200 FEET BGS
- 201 - 300 FEET BGS
- 301 - 400 FEET BGS
- 401 - 500 FEET BGS

Former Sylvania Trichloroethylene > 99 ug/L

- 50 - 100 FEET BGS
- 301 - 400 FEET BGS

Map Content: Base Map supplied by ESRI, Sample Locations supplied by EPA Map Creation Date: 29 December 2011 Coordinate System: New York State Plane Long Island FIPS: 3104 Datum: NAD83 Units: Feet	**NCHGW Superfund Site 100 ug/L isoconcentration Contours for Trichloroethylene (TCE)**	U.S EPA Environmental Response Team Scientific Engineering Response and Analytical Services EP-W-09-031 W.A.# 0-144	Figure 9 NCHGW Superfund Site 100 ug/L isoconcentration Contours for Trichloroethylene (TCE) Nassau County, New York

R2-0011943



LEGEND

Tetrachloroethylene Isoconcentration Contour of 100 µg/L

110 = Trichloroethylene Isoconcentration in µg/L.

ND = Not Detected

SP-SM, SM-SC, SP, SM, SW = Sand

SW-GW = Sand and Gravel

CL-ML = Clay and Silt

CL = Clay

= Screen Interval

= Groundwater Level measured on 4/13/11

SCALE:

50'

1000'

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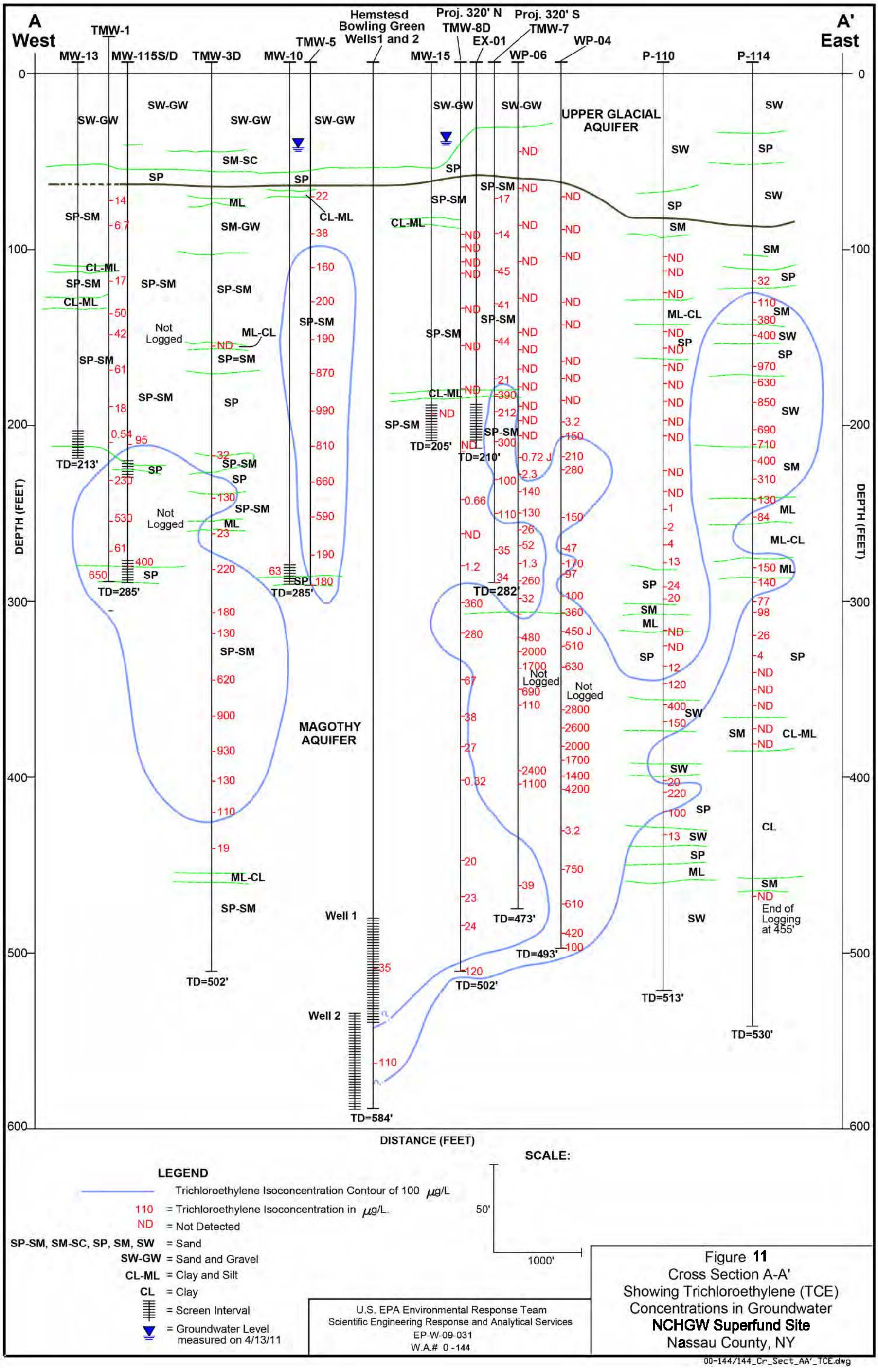
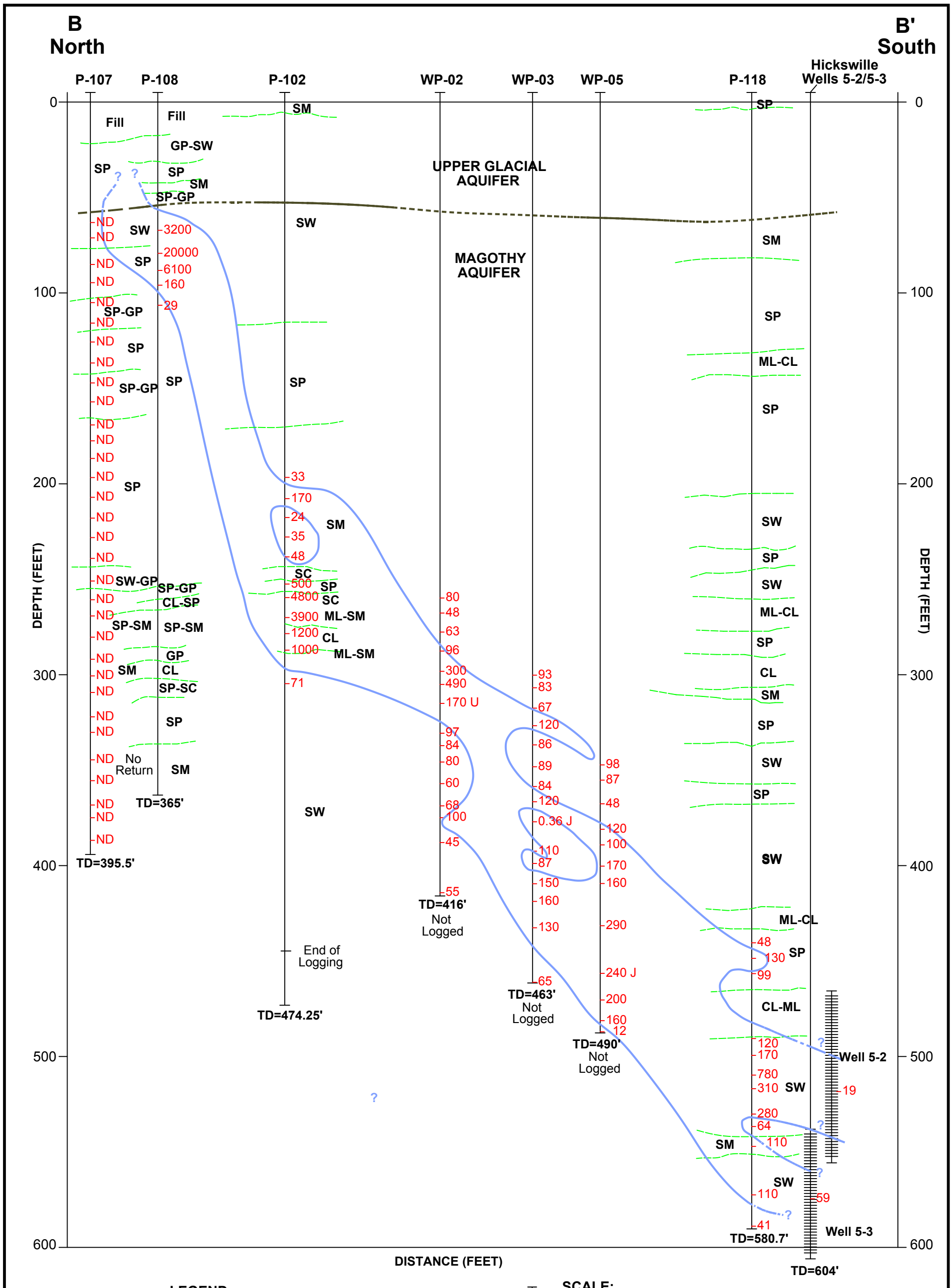
Figure 10
Cross Section A-A'
Showing Tetrachloroethylene (PCE)
Concentrations in Groundwater
NCHGW Superfund Site
Nassau County, NY

00-144/144_Cr_Sect_AA'_PCE.dwg

R2-0011944


A
West
A'
East
TMW-1
MW-13
MW-115S/D
TMW-3D
MW-10
TMW-5
Hemstesd
Bowling Green
Wells1 and 2
MW-15
Proj. 320' N
TMW-8D
EX-01
Proj. 320' S
TMW-7
WP-06
WP-04
P-110
P-114
UPPER GLACIAL AQUIFER
MAGOTHY AQUIFER
Not Logged
TD=213'
TD=285'
TD=285'
TD=502'
TD=205'
TD=210'
TD=282'
TD=473'
TD=493'
TD=502'
TD=513'
TD=530'
Well 1
Well 2
TD=584'
DEPTH (FEET)
DISTANCE (FEET)
0
100
200
300
400
500
600
LEGEND
Trichloroethylene Isoconcentration Contour of 100 µg/L
110 = Trichloroethylene Isoconcentration in µg/L.
ND = Not Detected
SP-SM, SM-SC, SP, SM, SW = Sand
SW-GW = Sand and Gravel
CL-ML = Clay and Silt
CL = Clay
= Screen Interval
= Groundwater Level measured on 4/13/11
SCALE:
50'
1000'
U.S. EPA Environmental Response Team
Scientific Engineering Response and Analytical Services
EP-W-09-031
W.A.# 0-144
Figure 11
Cross Section A-A'
Showing Trichloroethylene (TCE)
Concentrations in Groundwater
NCHGW Superfund Site
Nassau County, NY
00-144/144_Cr_Sect_AA'_TCE.dwg



LEGEND

Tetrachloroethylene Isoconcentration Contour of 100 µg/L

4800 = Tetrachloroethylene Isoconcentration in µg/L.

ND = Not Detected

GP = Gravel

SP-SC, SP, SM, SW = Sand

SW-GP, SP-GP = Sand and Gravel

CL-ML = Clay and Silt

CL = Clay

= Screen Interval

SCALE:

50'

1000'

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W.A.# 0 -144

Figure 12
Cross Section B-B'
Showing Tetrachloroethylene (PCE)
Concentrations in Groundwater
NCHGW Superfund Site
Nassau County, NY

00-144/144_Cr_Sect_BB'_PCE.dwg

R2-0011946

B
North

B'
South

P-107 P-108 P-102 WP-02 WP-03 WP-05 P-118 Hickswille Wells 5-2/5-3

UPPER GLACIAL AQUIFER

MAGOTHY AQUIFER

DEPTH (FEET)

DISTANCE (FEET)

TD=395.5'
TD=365'
TD=474.25'
TD=416' Not Logged
TD=463' Not Logged
TD=490' Not Logged
TD=580.7'
TD=604'
No Return
End of Logging
Well 5-2
Well 5-3

LEGEND

Trichloroethylene Isoconcentration Contour of 100 µg/L

320 = Trichloroethylene Isoconcentration in µg/L.

ND = Not Detected

GP = Gravel

SP-SC, SP, SM, SW = Sand

SW-GP, SP-GP = Sand and Gravel

CL-ML = Clay and Silt

CL = Clay

= Screen Interval

SCALE: 50' / 1000'

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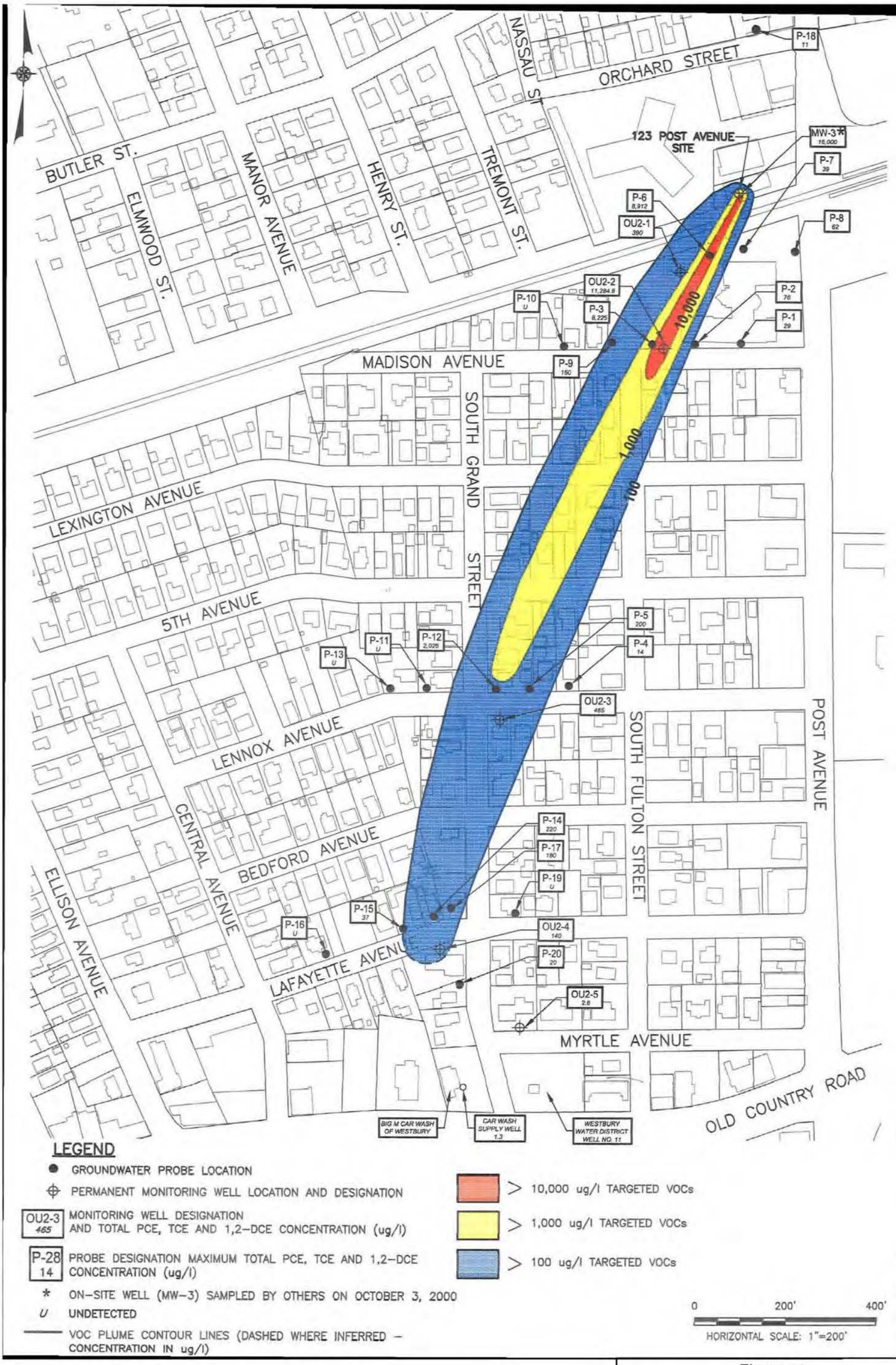
EP-W-09-031
W.A.# 0 -144

Figure 13
Cross Section B-B'
Showing Trichloroethylene (TCE)
Concentrations in Groundwater
NCHGW Superfund Site
Nassau County, NY

00-144/144_Cr_Sect_BB'_TCE.dwg

R2-0011947



SOURCE: Dvirka and Bartilucci, 2009a

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EP-W-09-031
W.A.# 0 -144

Figure 14
Vertical Profile Sample Locations
and VOC Results-2001
123 Post Avenue-
Operable Unit 2 Remedial Design
NCHGW Superfund Site
Nassau County, New York

144/144_New Cassel_Fig20 10/05/12

SOURCE: Dvirka and Bartilucci, 2009b

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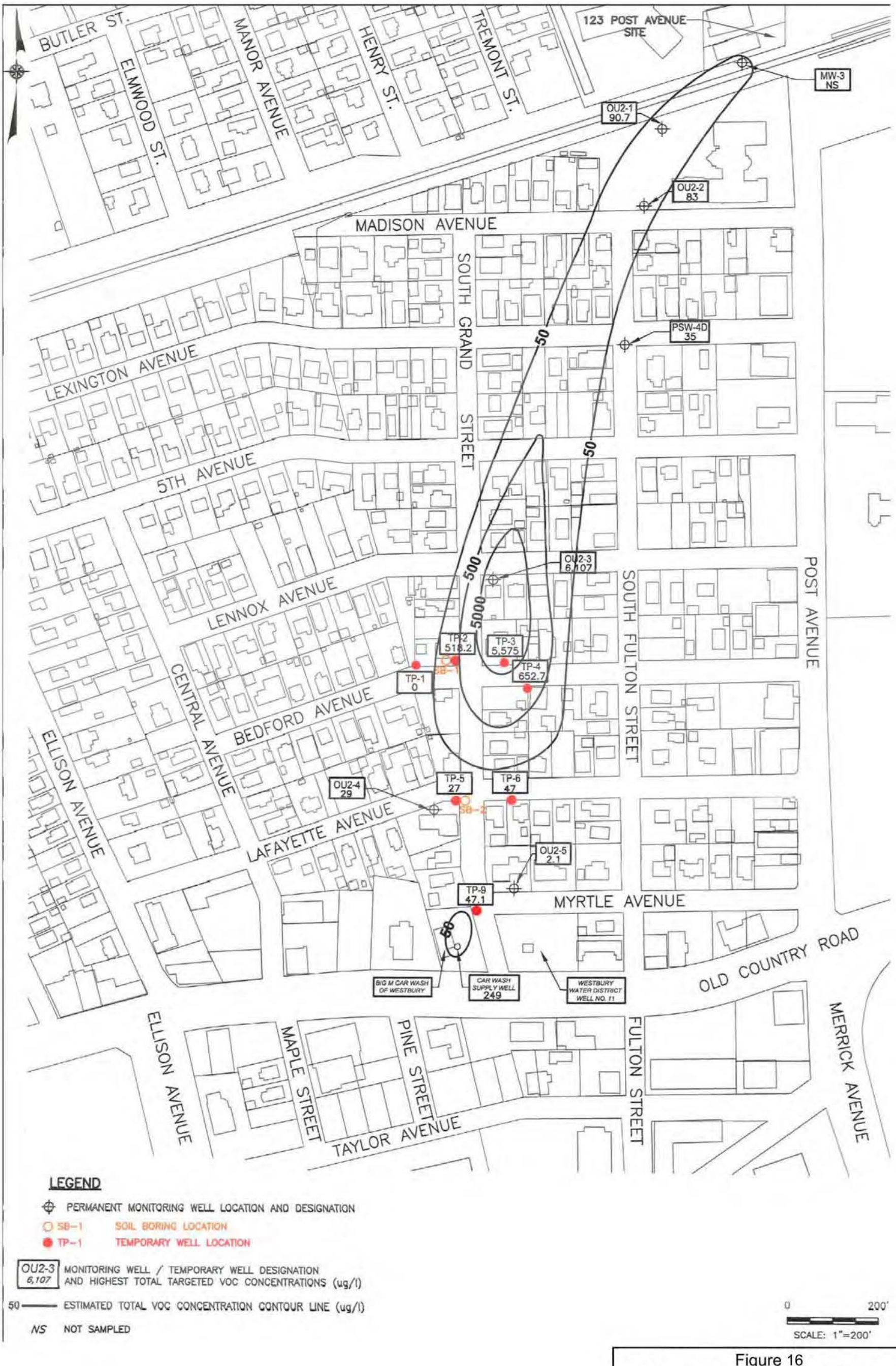
EP-W-09-031
W.A.# 0 -144

Figure 15
Vertical Profile Sample Locations
and VOC Results-2006
123 Post Avenue-
Operable Unit 2 Remedial Design
NCHGW Superfund Site
Nassau County, New York



SOURCE: Dvirka and Bartilucci, 2010

Figure 16
Estimate Areal Extent of VOC Plume
Based on Existing Data
123 Post Avenue-
Operable Unit 2 Remedial Design
NCHGW Superfund Site
Nassau County, New York

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W.A.# 0 -144

144/144_New Cassel_Fig22 10/05/12

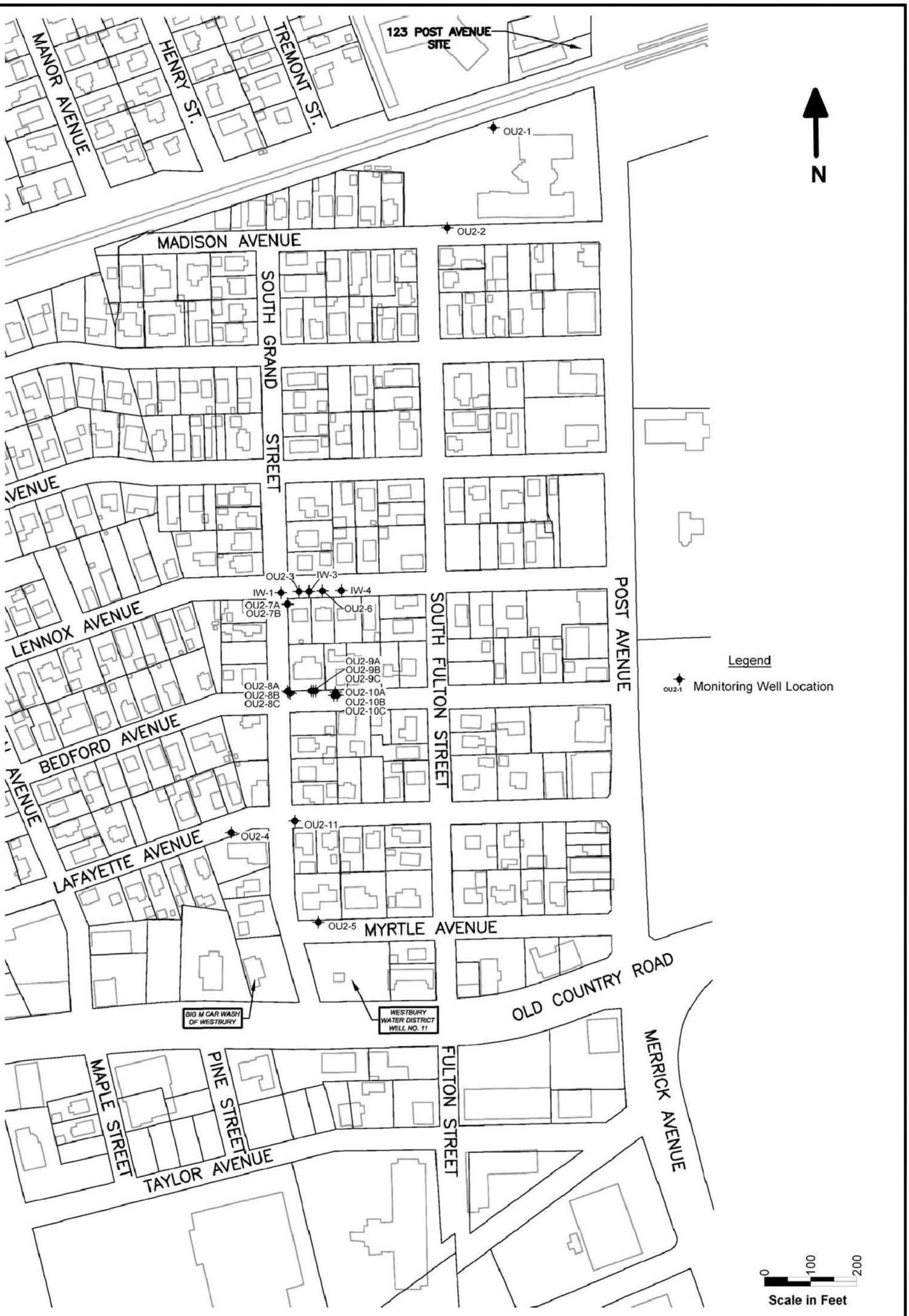

Figure 17
Monitoring Well Location Map
123 Post Avenue-Operable Unit 2
Remedial Design
NCHGW Superfund Site
Nassau County, New York

SOURCE: Dvirka and Bartilucci, 2012

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EP-W-09-031
W.A.# 0 -144

144/144_New Cassel_Fig23 10/05/12

R2-0011951

GRAND BLVD
GRAND ST
OLD COUNTRY RD
OLD COUNTRY RD
GRAND BLVD
CARMAN AVE
STEWART AVE
Western Plume
Central Plume
Eastern Plume
GWHP-3-98
TMW-9-160
TMW-9-220
TMW-2-145
TMW-2-225
MW-12
EX-2
MW-13
TMW-1-165
TMW-1-285
MW-1
MW-10
MW-3
MW-6
MW-4
MW-5
MW-2
GWHP-1-128
TMW-5-145
TMW-5-165
EW-2B
TMW-6-123
EW-1B
MW-16D
TMW-8D-292
TMW-8D-437
MW-9
TMW-3D-272
TMW-3D-377
TMW-4-165
TMW-4-185
MW-11S
MW-11D
MW-7
GWHP-2-148
Hempstead-Bowling Green Well 1
Hempstead-Bowling Green Well 2
FSMW-14A
FSMW-14B
FSMW-14C
MW-14
EX-1
WP-06-230
WP-06-321
MW-17D
FSMW-13A
FSMW-13B
FSMW-13C
TMW-7-185
TMW-7-225
WP-04-354
W-36-390
W-36-448

Legend

Molar Fraction of Total Ethenes

- PCE
- TCE
- DCE
- VC

600 0 600

Feet

Map created using NAIP imagery data from USGS, Sample Location supplied by USGS.

Map Creation Date: 08 December 2011

Coordinate system: New York State Plane Long Island
FIPS: 3104
Datum: NAD83
Units: Feet

Data: g:\arcviewprojects\SERAS01\00-144
MXD file: g:\ArcInfoProjects\SERAS01\SER00144_NewCassel_IndustrialArea\144_MonitorWell_MolarFractions_F24

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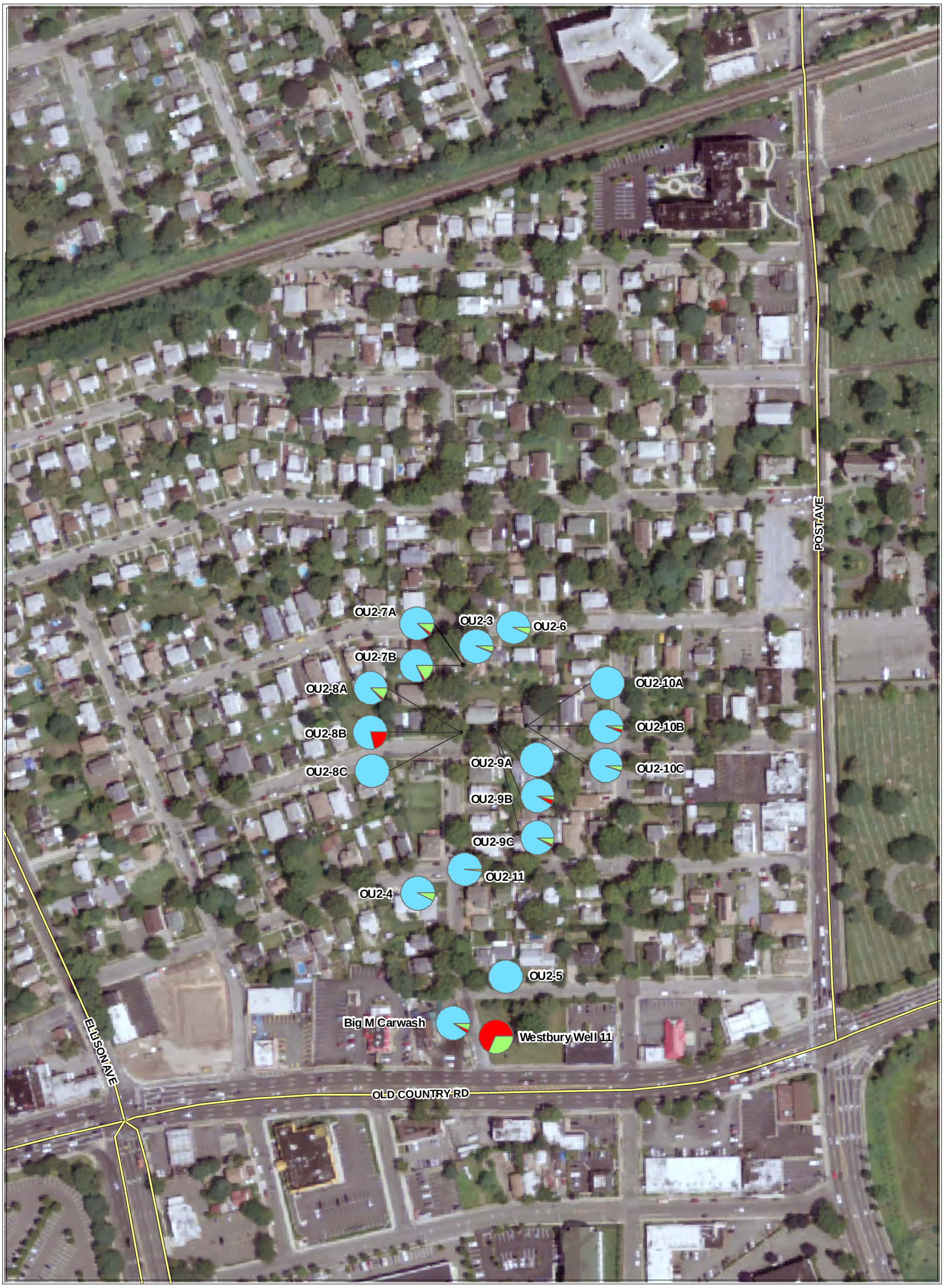
Figure 18
Molar Fractions of Total Ethenes
NCHGW Superfund Site
Nassau County, New York

R2-0011952



Map created using NAIP imagery data from USGS, Sample Location supplied by USGS.

Map Creation Date: October 2012

Coordinate system: New York State Plane Long Island
FIPS: 3104
Datum: NAD83
Units: Feet

200 0 200
Feet

Legend

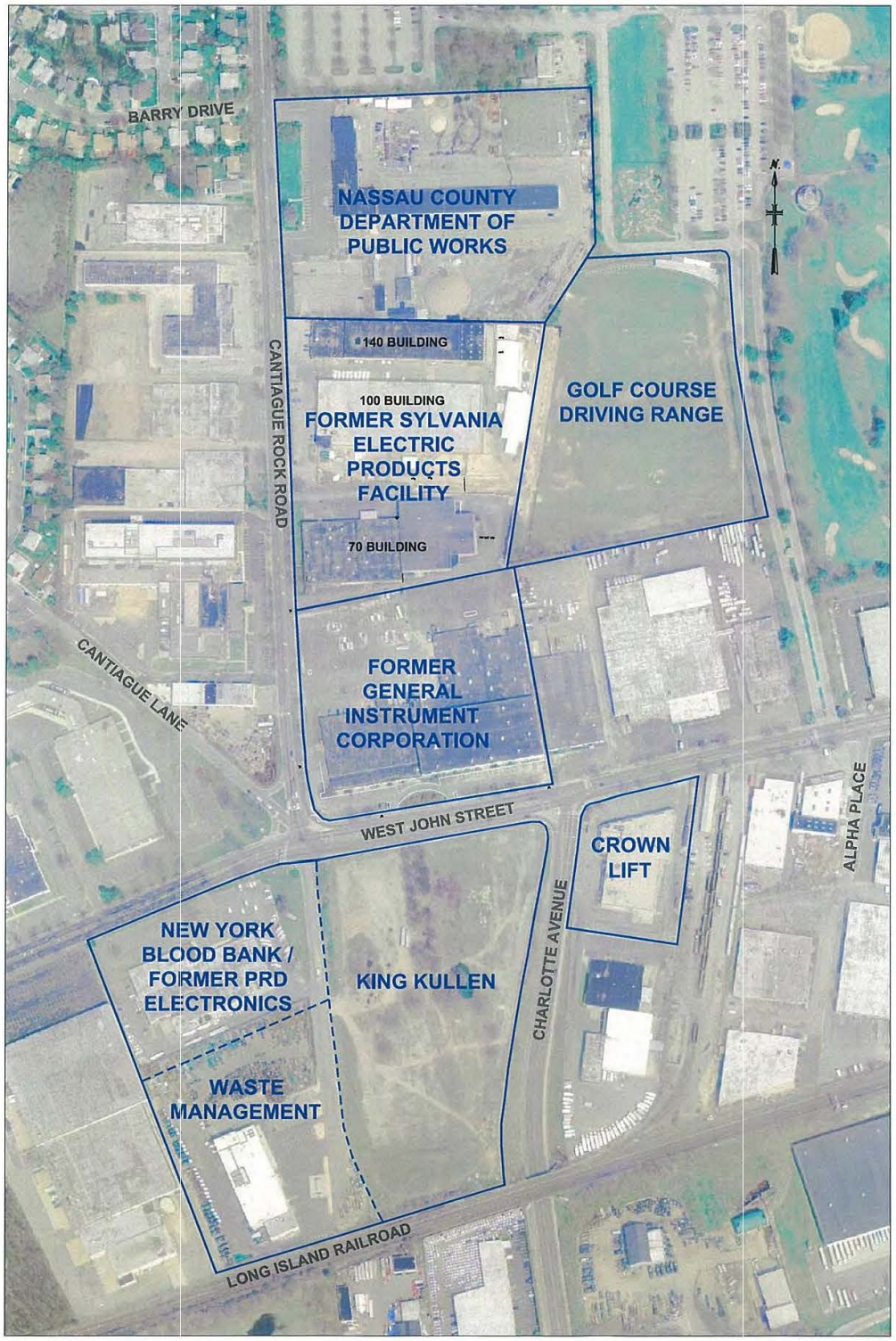
Molar Fraction of Total Ethenes

- PCE
- TCE
- DCE
- VC

U.S EPA Environmental Response Team Scientific Engineering Response and Analytical Services EP-W-09-031 W.A.# 0-144	Figure 19 Molar Fractions of Total Ethenes 123 Post Avenue Nassau County, New York

Data: g:\arcviewprojects\SERAS01\00-144
MXD file: g:\ArcInfoProjects\SERAS01\SER00144_NewCassel_IndustrialArea\144_Molar_Fractions_ofTotal_Ethenes_F25

APPENDIX A
New Cassel/Hicksville Ground Water Contamination Site
Nassau County, New York
July 2013



NOTES

1. AERIAL IMAGE FROM NYS GIS CLEARINGHOUSE HIGH RESOLUTION DIGITAL ORTHOIMAGERY (6-INCHES RESOLUTION - 2004).
2. SOURCE: MPI, 2007

Figure A-1
Former Sylvania and Surrounding Properties
NCHGW Superfund Site
Nassau County, NY

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EP-W-09-031
W.A.# 0 -144

144/144_New Cassel_FigA-1.dwg

LEGEND

GTEOSI MONITORING WELL - EXISTING

GTEOSI MONITORING WELL - DECOMMISSIONED

NOTES

1. AERIAL IMAGE FROM NYS GIS CLEARINGHOUSE HIGH RESOLUTION DIGITAL ORTHOIMAGERY (6-INCHES RESOLUTION - 2004).
2. SOURCE: MPI, 2007

SCALE IN FEET

0 50 100 200

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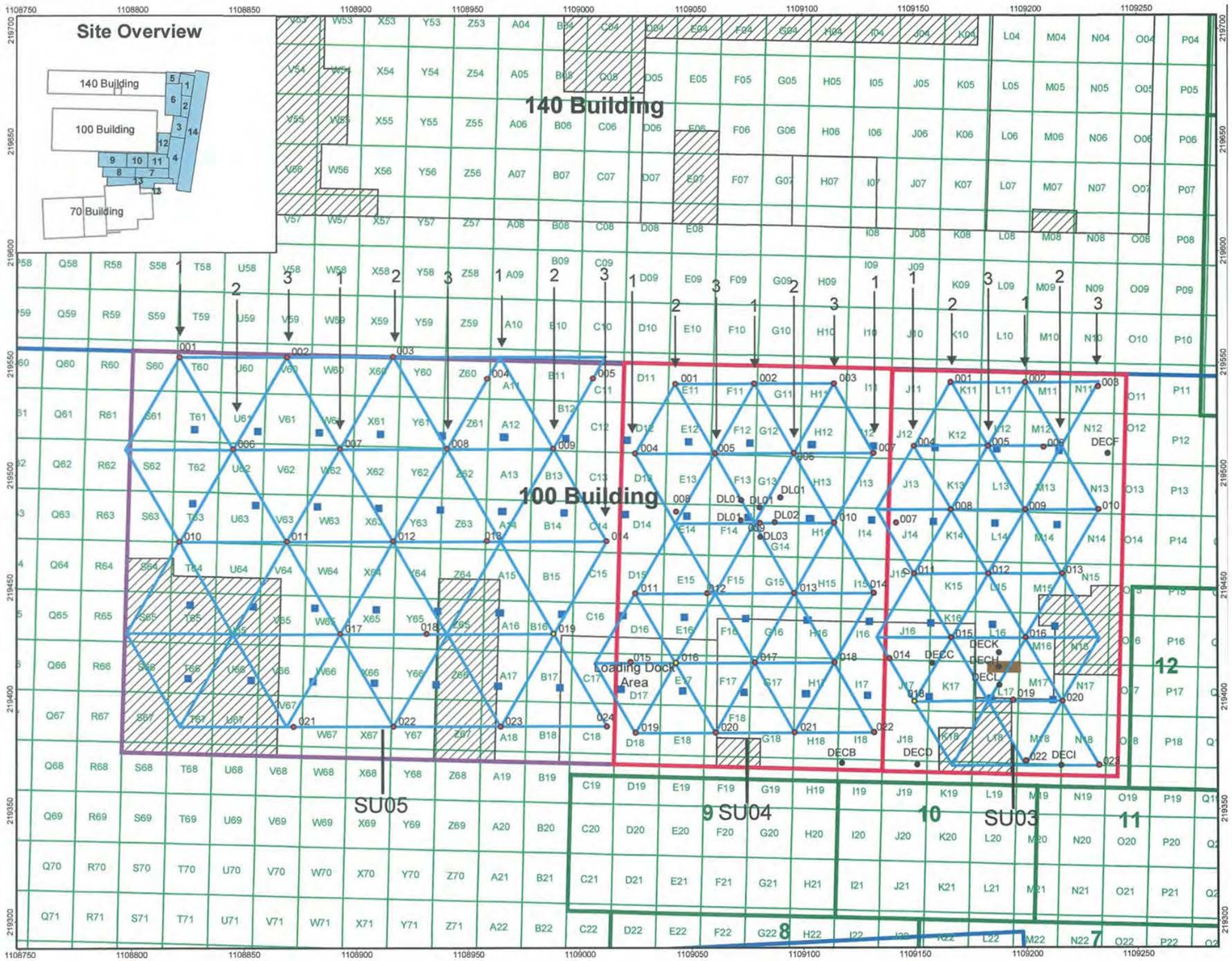
EP-W-09-031
W.A.# 0 -**144**

Figure A-2
On-Site Monitoring Well Locations
NCHGW Superfund Site
Nassau County, NY

0-144/ 144_New Cassel_FigA-2 12/29/11



Legend

- Boring Location
- Random Sample Start Point
- Delineation Boring Location
- NYSDEC-Requested Boring Location
- Building Column
- Systematic Sampling Grid
- Building
- Property Line
- Building 100 UST
- Class 1 Survey Unit
- Class 2 Survey Unit
- Interference Area
- Subcell Boundary
- Cell Boundary

Row 1	SP samples at 1-3', 11-13', 21-23'
Row 2	SP samples at 4-6', 14-16', 24-26'
Row 3	SP samples at 7-9',17-19', 27-29'
All Rows	SP sample at 30-32'
All Rows	DL samples at 1' increments between SP samples

See Table 1, Table 6 and Table 7 for summarized sample results.

N

Feet

0 50 100

NOTES:

1. PROJECTION INFORMATION: STATE PLANE PROJECTION, LONG ISLAND ZONE, NORTH AMERICA DATUM 1983, FEET
2. SOURCE: URS and ENVIROCON, INC., 2005

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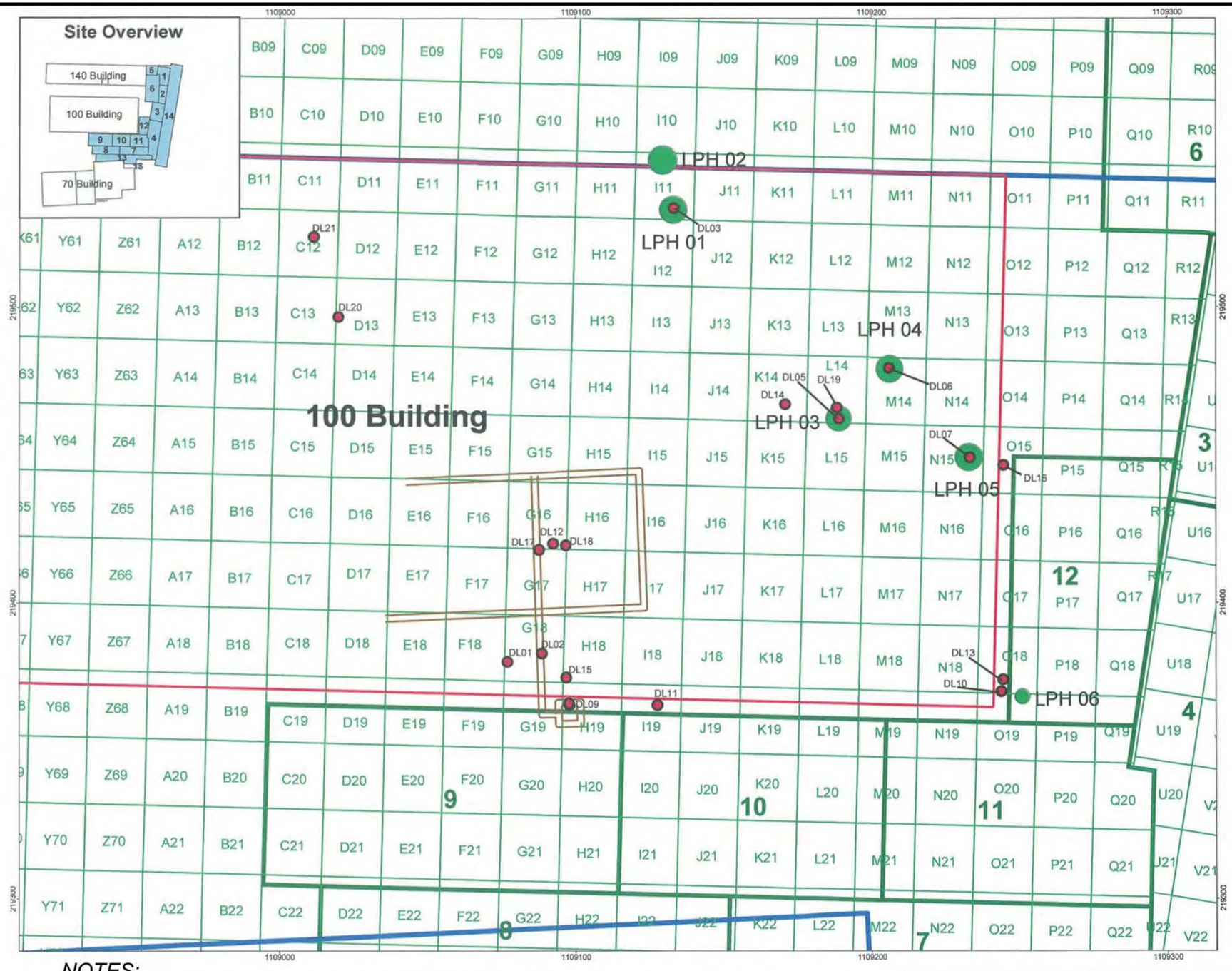
Figure A-4
SU03, SU04 and SU05
Systematic Sampling Locations
NCHGW Superfund Site
Nassau County, NY

00-144/144_New Cassel _FigA-4 12/29/11



NOTES:

1. PROJECTION INFORMATION: STATE PLANE PROJECTION, LONG ISLAND ZONE, NORTH AMERICA DATUM 1983, FEET
2. SOURCE: URS and ENVIROCON, INC., 2005

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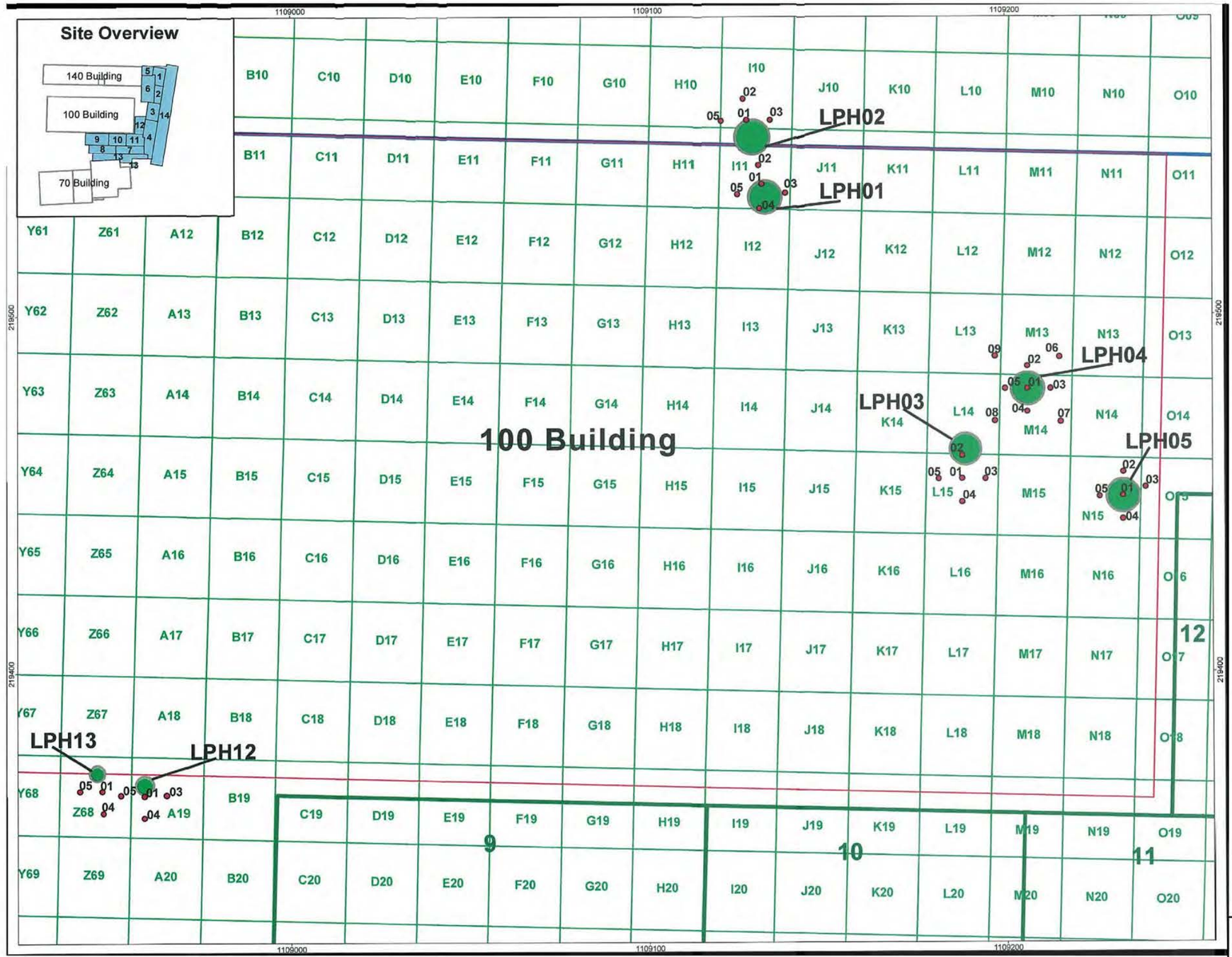
Figure A-5
100 Building Focused Sampling
Soil Boring Locations
NCHGW Superfund Site
Nassau County, NY

00-144/144_New Cassel_FigA-5 12/30/11

R2-0011958



NOTES:

1. PROJECTION INFORMATION: STATE PLANE PROJECTION, LONG ISLAND ZONE, NORTH AMERICA DATUM 1983, FEET
2. SOURCE: URS and ENVIROCON, INC., 2005

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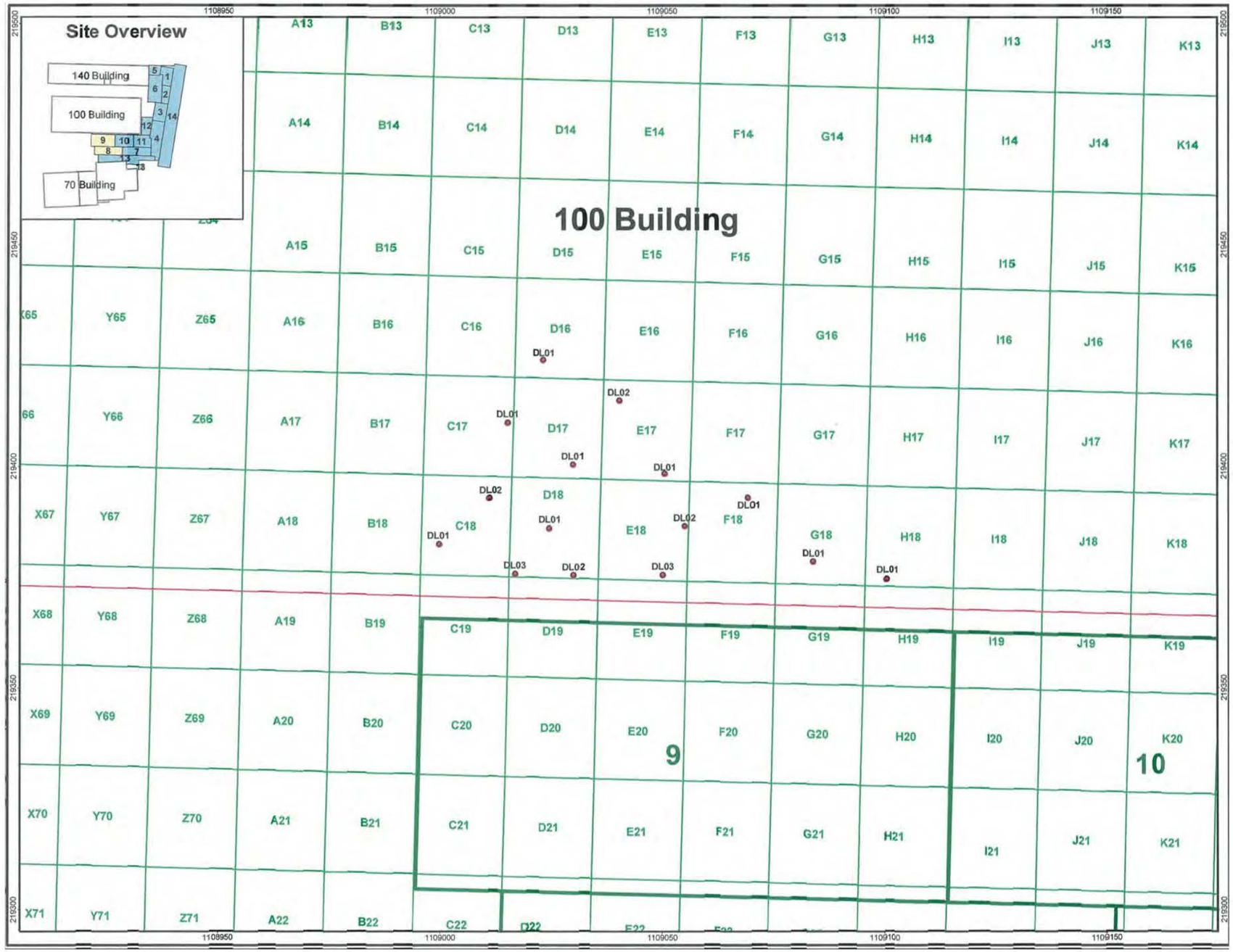
W.A.# 0 -**144**

Figure A-6
LPH Soil Boring
Sample Locations
NCHGW Superfund Site
Nassau County, NY

00-144/144_New Cassel_FigA-5 12/30/11



Legend

- Boring Location
- Building
- Property Line
- Subcell Boundary
- Cell Boundary

See Table 5 for summarized sample results.

N

Feet

0 20 40

NOTES:

1. PROJECTION INFORMATION: STATE PLANE PROJECTION, LONG ISLAND ZONE, NORTH AMERICA DATUM 1983, FEET
2. SOURCE: URS and ENVIROCON, INC., 2005 a

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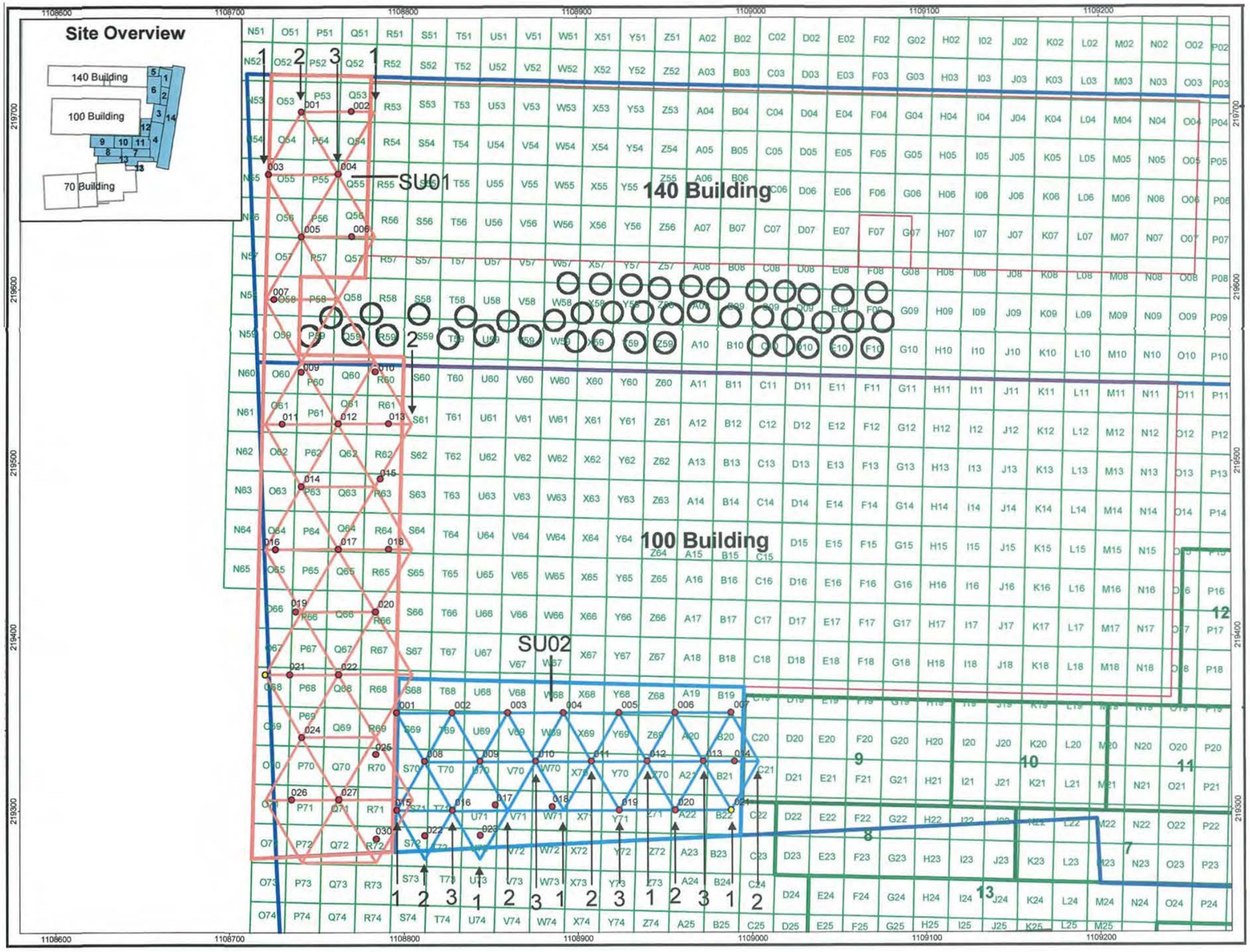
W.A.# 0 -**144**

Figure A-7
Cell 9
Soil Boring Locations
NCHGW Superfund Site
Nassau County, NY

00-144/144_New Cassel _FigA-7 12/30/11



Legend

- Boring Location
- Random Sample Start Point
- Systematic Sampling Grid - SU01
- Systematic Sampling Grid - SU02
- Building
- Property Line
- Subcell Boundary
- Cell Boundary
- Interim Drain (Shown as Circle)

Row 1	SP samples at 1-3', 11-13', 21-23'
Row 2	SP samples at 4-6', 14-16', 24-26'
Row 3	SP samples at 7-9',17-19', 27-29'
All Rows	SP sample at 30-32'
All Rows	DL samples at 1' increments between SP samples

See Table 1 for summarized sample results.

N

Feet

0 30 60

NOTES:

1. PROJECTION INFORMATION: STATE PLANE PROJECTION, LONG ISLAND ZONE, NORTH AMERICA DATUM 1983, FEET
2. SOURCE: URS and ENVIROCON, INC., 2005 b

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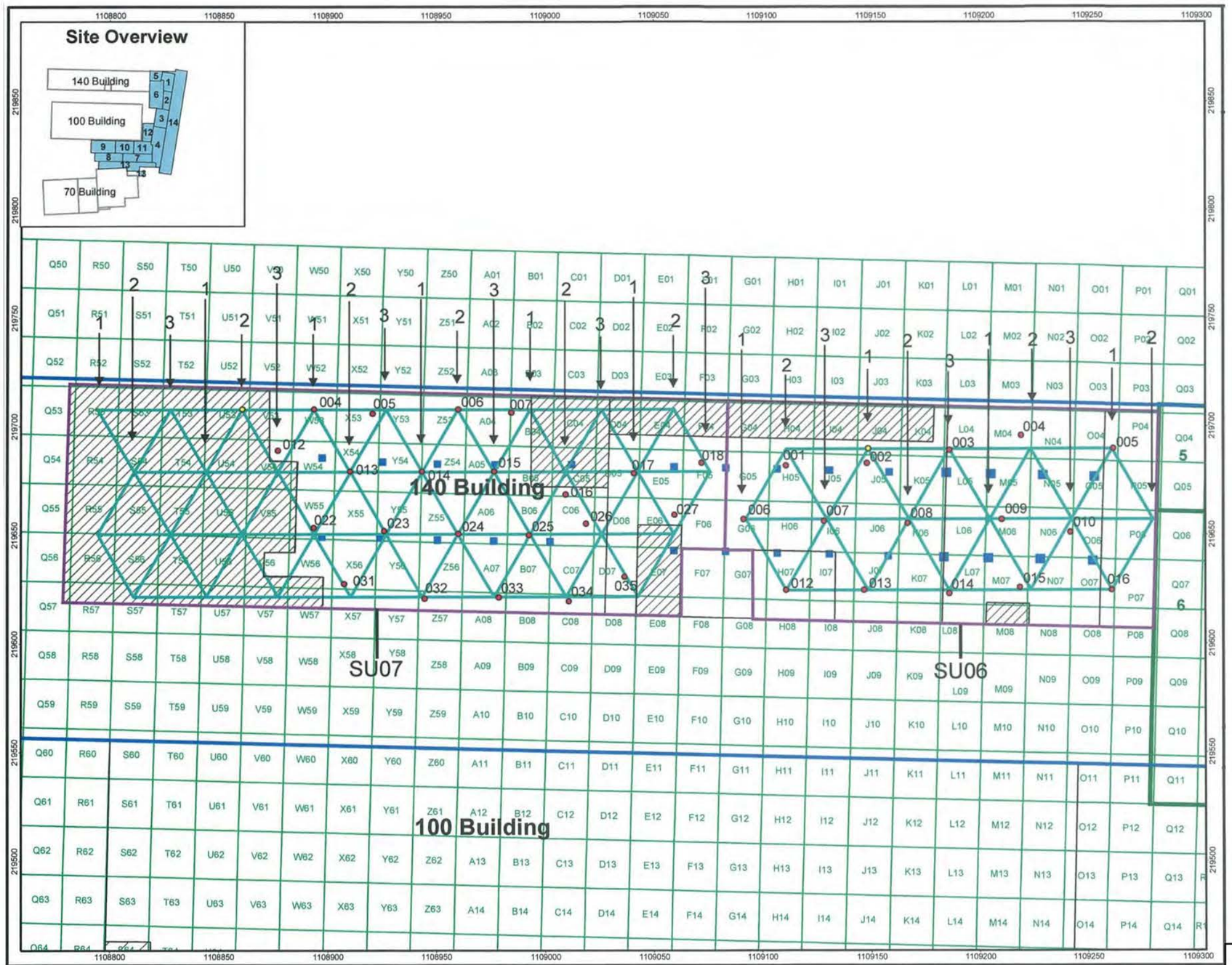
Figure A-8
Survey Units West of the
140 and 100 Buildings and
Southwest of the 100 Building
NCHGW Superfund Site
Nassau County, NY

00-144/144_New Cassel _FigA-8.dwg 12/30/11



Legend

- Boring Location
- Random Sample Start Point
- 140 Building Column
- Systematic Sampling Grid
- Building
- Property Line
- Class 2 Survey Unit
- Interference Area
- Subcell Boundary
- Cell Boundary

Row 1 SP samples at 1-3', 11-13', 21-23'
Row 2 SP samples at 4-6', 14-16', 24-26'
Row 3 SP samples at 7-9',17-19', 27-29'
All Rows SP sample at 30-32'
All Rows DL samples at 1' increments between SP samples
See Table 1 for summarized sample results.

N

Feet
0 50 100

NOTES:

1. PROJECTION INFORMATION: STATE PLANE PROJECTION, LONG ISLAND ZONE, NORTH AMERICA DATUM 1983, FEET
2. SOURCE: URS and ENVIROCON, INC., 2005 c

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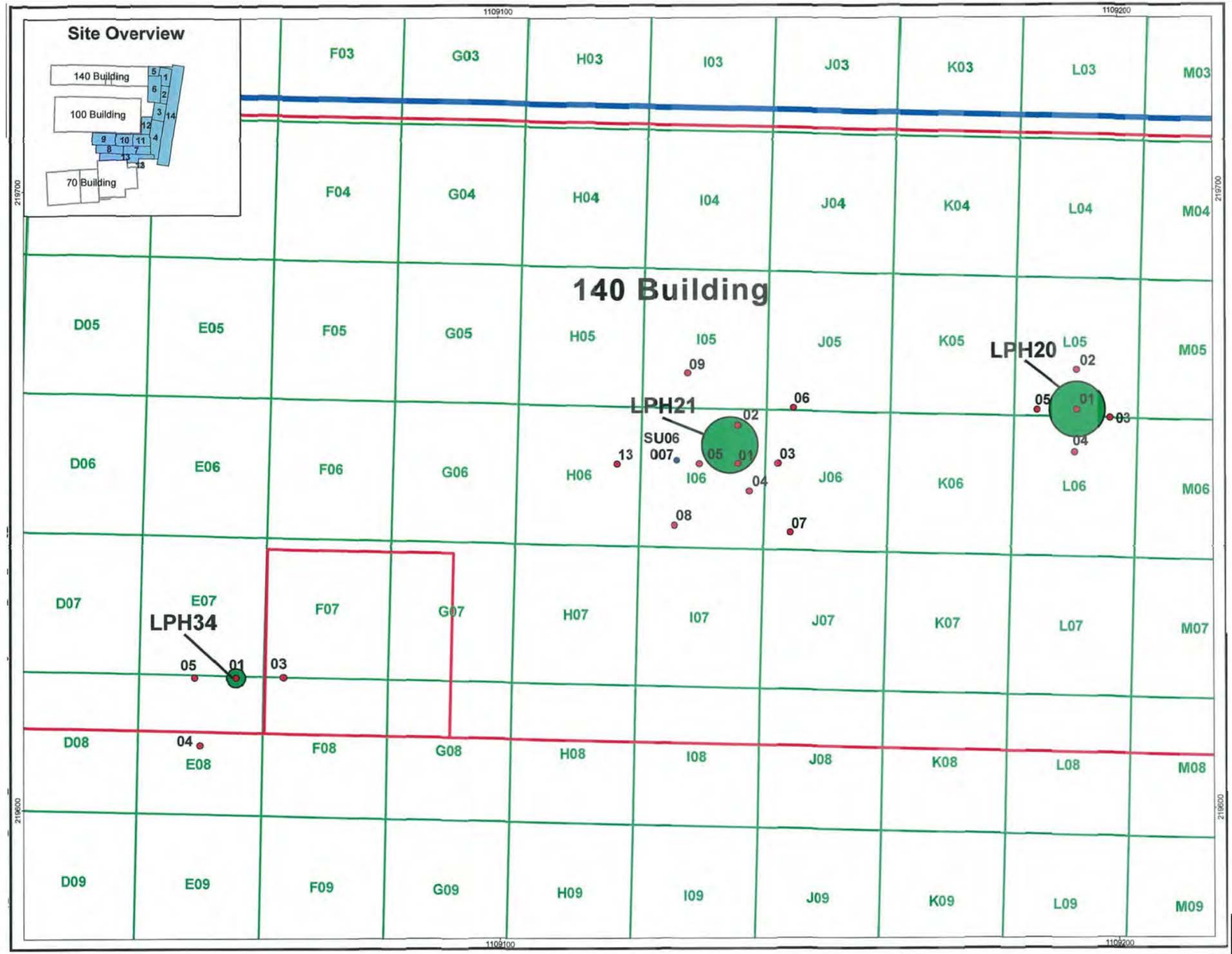
Figure A-9
SU06 and SU07
Systematic Sampling Locations
NCHGW Superfund Site
Nassau County, NY

00-144/144_New Cassel _Fig4-9.dwg 12/30/11

R2-0011962



Legend

- Boring Location
- SU06 Boring Location
- Building
- Property Line
- Subcell Boundary
- Historic Leach Pool

See Table 3 for summarized sample results.

Note: Leach pool data provided by available historical maps

N

Feet

0 10 20

NOTES:

1. PROJECTION INFORMATION: STATE PLANE PROJECTION, LONG ISLAND ZONE, NORTH AMERICA DATUM 1983, FEET
2. SOURCE: URS and ENVIROCON, INC., 2005 c

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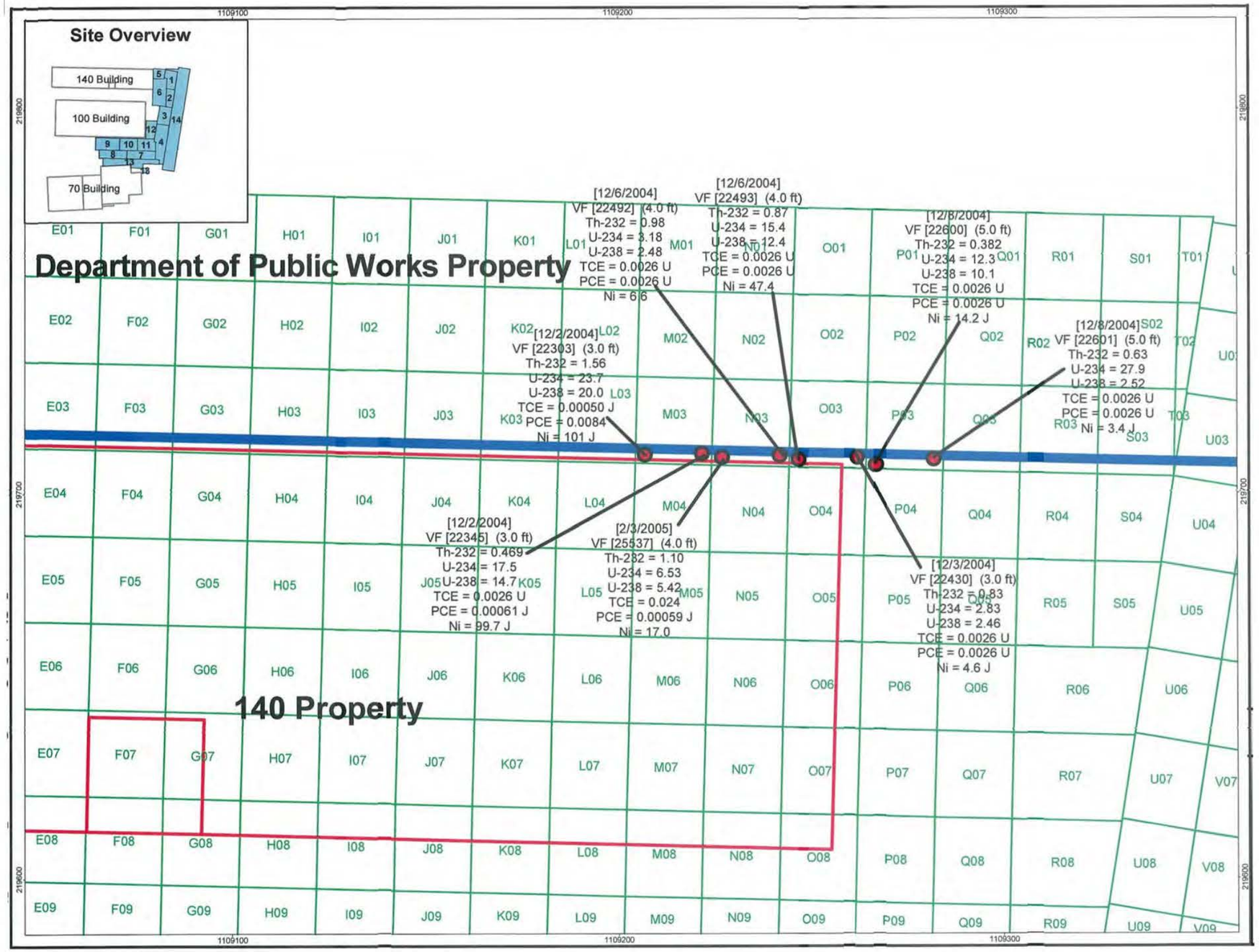
W.A.# 0-144

Figure A-10
LPH Soil Boring
Sample Results
NCHGW Superfund Site
Nassau County, NY

00-144/144_New Cassel_FigA-10.dwg 12/30/11

R2-0011963



NOTES:

1. PROJECTION INFORMATION: STATE PLANE PROJECTION, LONG ISLAND ZONE, NORTH AMERICA DATUM 1983, FEET
2. SOURCE: URS and ENVIROCON, INC., 2005 d

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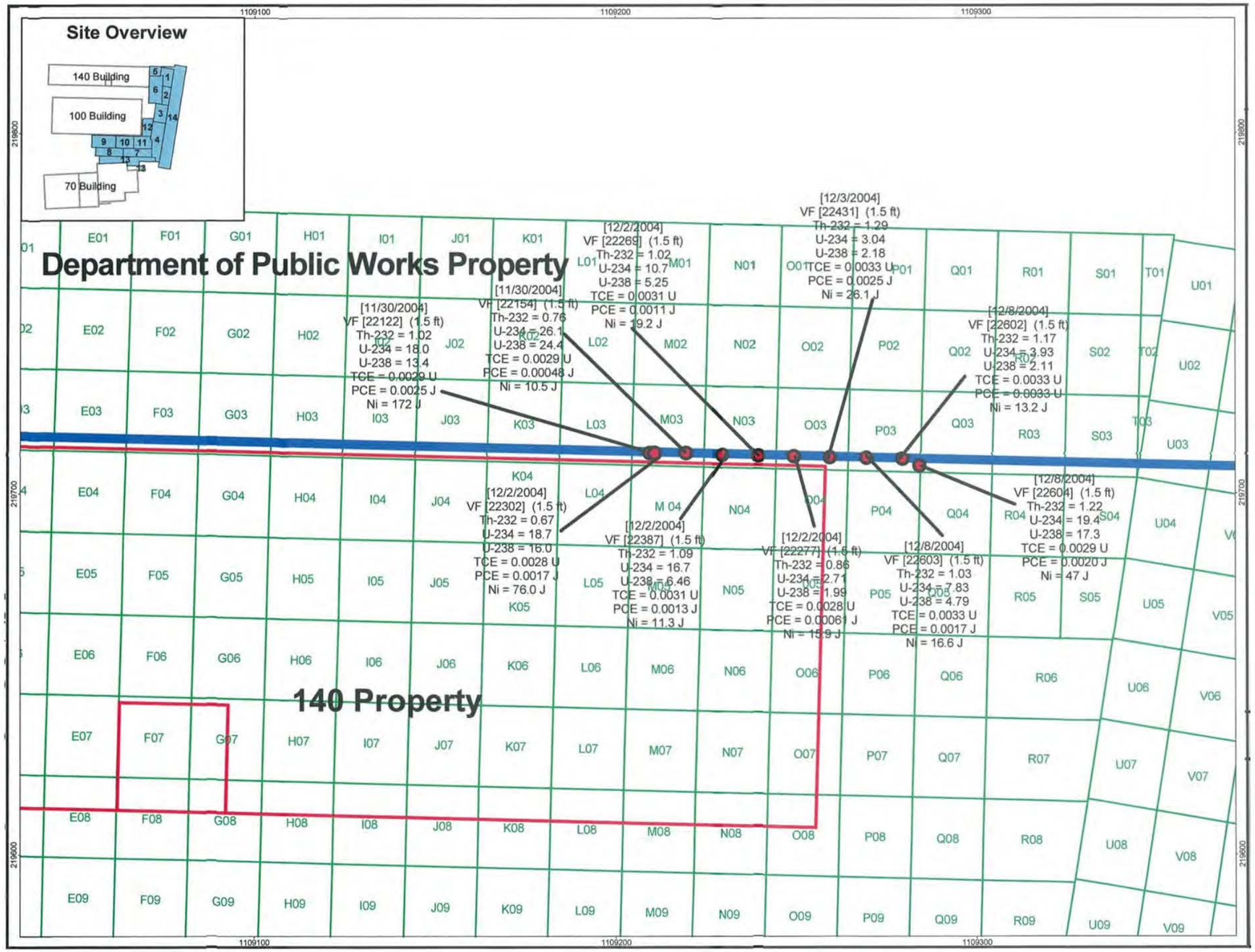
W.A.# 0 -144

Figure A-11
North of the 140 Building
Verification Floor Sample
Locations and Results
NCHGW Superfund Site
Nassau County, NY

00-144/144_New Cassel _Fig4-11.dwg 12/30/11



NOTES:

1. PROJECTION INFORMATION: STATE PLANE PROJECTION, LONG ISLAND ZONE, NORTH AMERICA DATUM 1983, FEET
2. SOURCE: URS and ENVIROCON, INC., 2005 d

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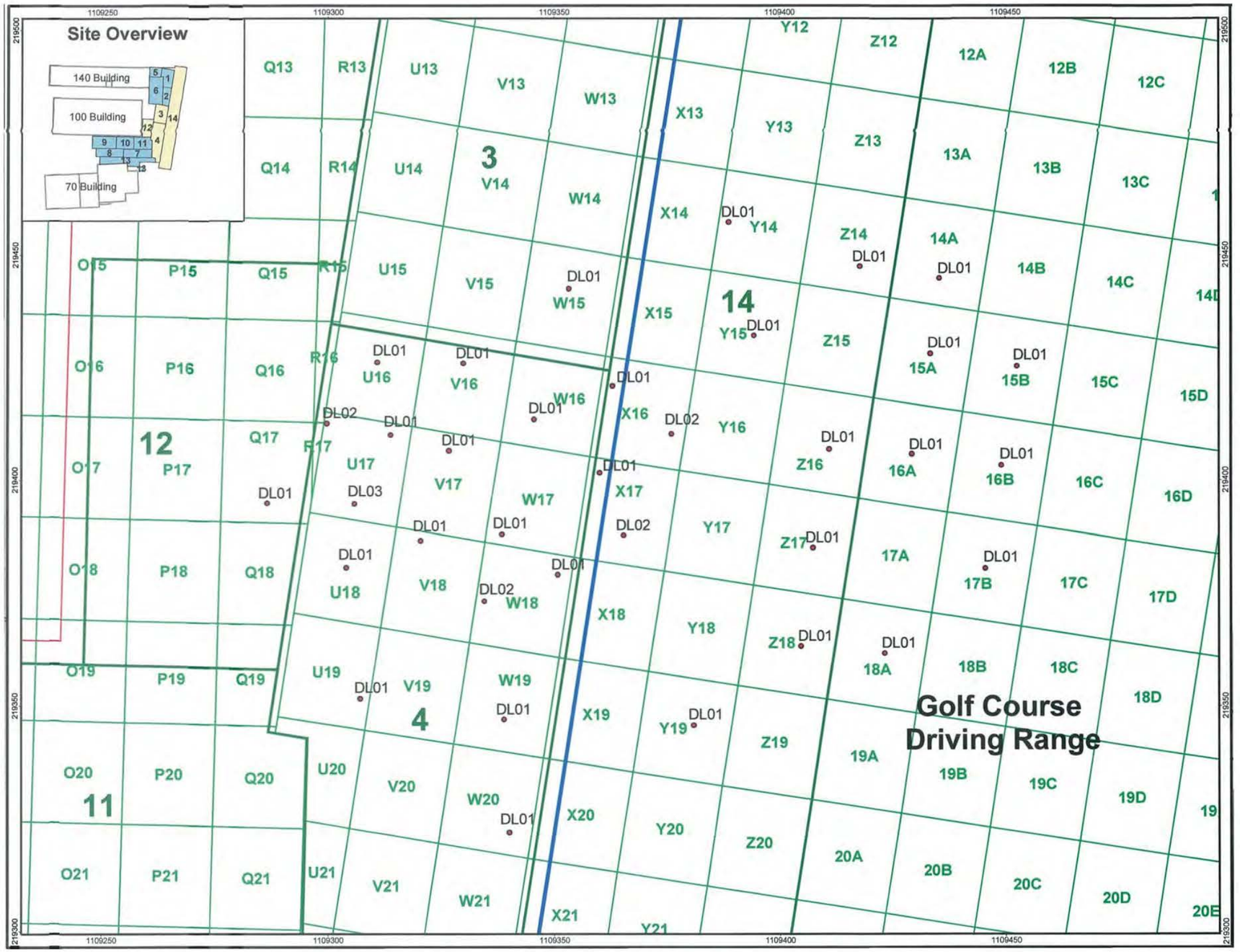
W.A.# 0 -144

Figure A-12
North of the 140 Building
Verification Wall Sample
Locations and Results
NCHGW Superfund Site
Nassau County, NY

00-144/144_New Cassel_FigA-12.dwg 12/30/11

R2-0011965



Legend

- Boring Location
- Building
- Property Line
- Subcell Boundary
- Cell Boundary

See Table 1 for summarized sample results.

N

Feet

0 20 40

NOTES:

1. PROJECTION INFORMATION: STATE PLANE PROJECTION, LONG ISLAND ZONE, NORTH AMERICA DATUM 1983, FEET
2. SOURCE: URS and ENVIROCON, INC., 2005 e

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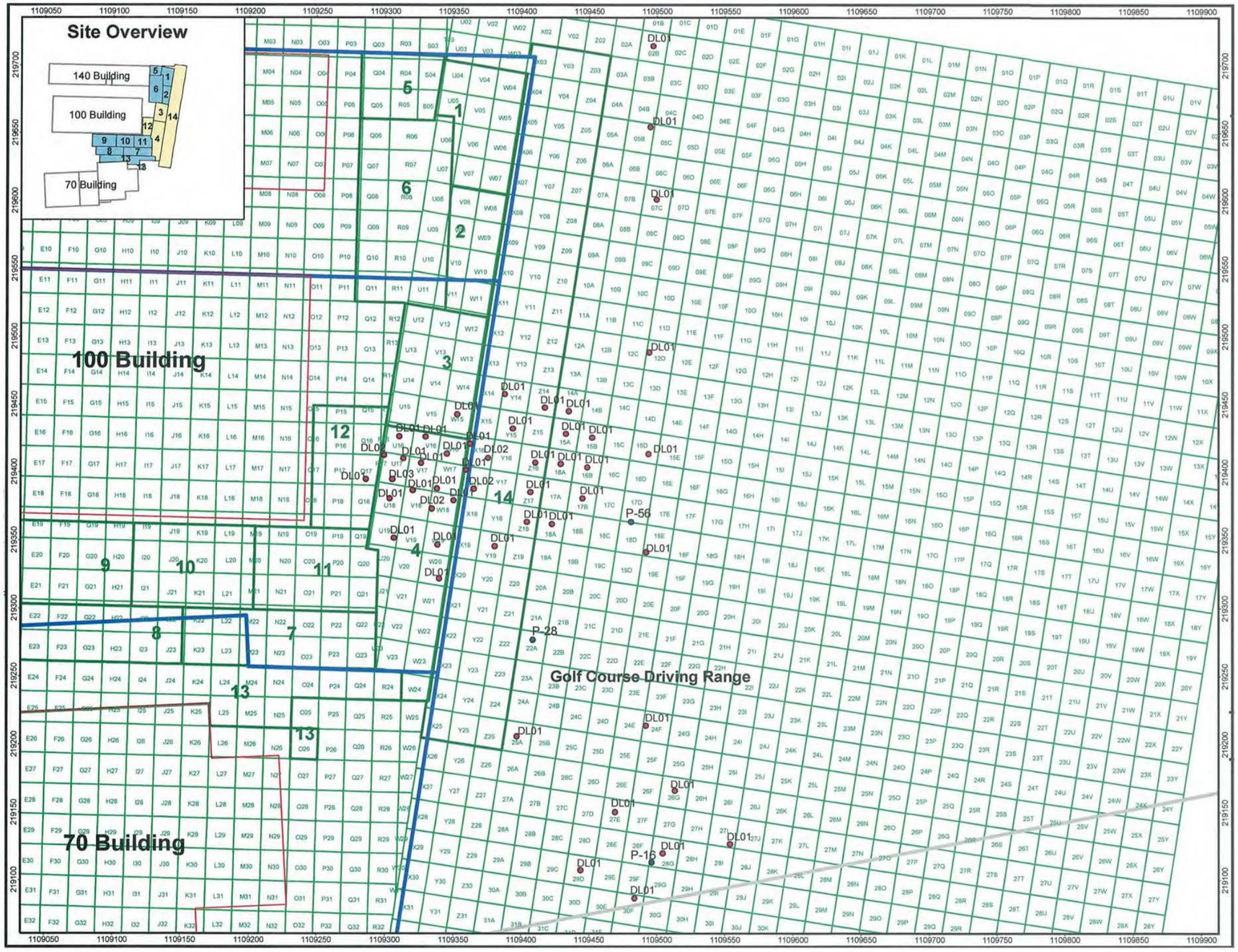
W.A.# 0 -144

Figure A-13
Cells 3, 4, 12, 14 and
Golf Course Driving Range
Soil Boring Locations
NCHGW Superfund Site
Nassau County, NY

00-144/144_New Cassel _FigA-13.dwg 12/30/11

R2-0011966



Legend

- Boring Location
- Groundwater Profile Location
- Building
- Property Line
- Golf Course Driving Range Fence
- Subcell Boundary
- Cell Boundary

See Table 1 and Table 2 for summarized sample results.

N

Feet

0 50 100

NOTES:

1. PROJECTION INFORMATION: STATE PLANE PROJECTION, LONG ISLAND ZONE, NORTH AMERICA DATUM 1983, FEET
2. SOURCE: URS and ENVIROCON, INC., 2005 e

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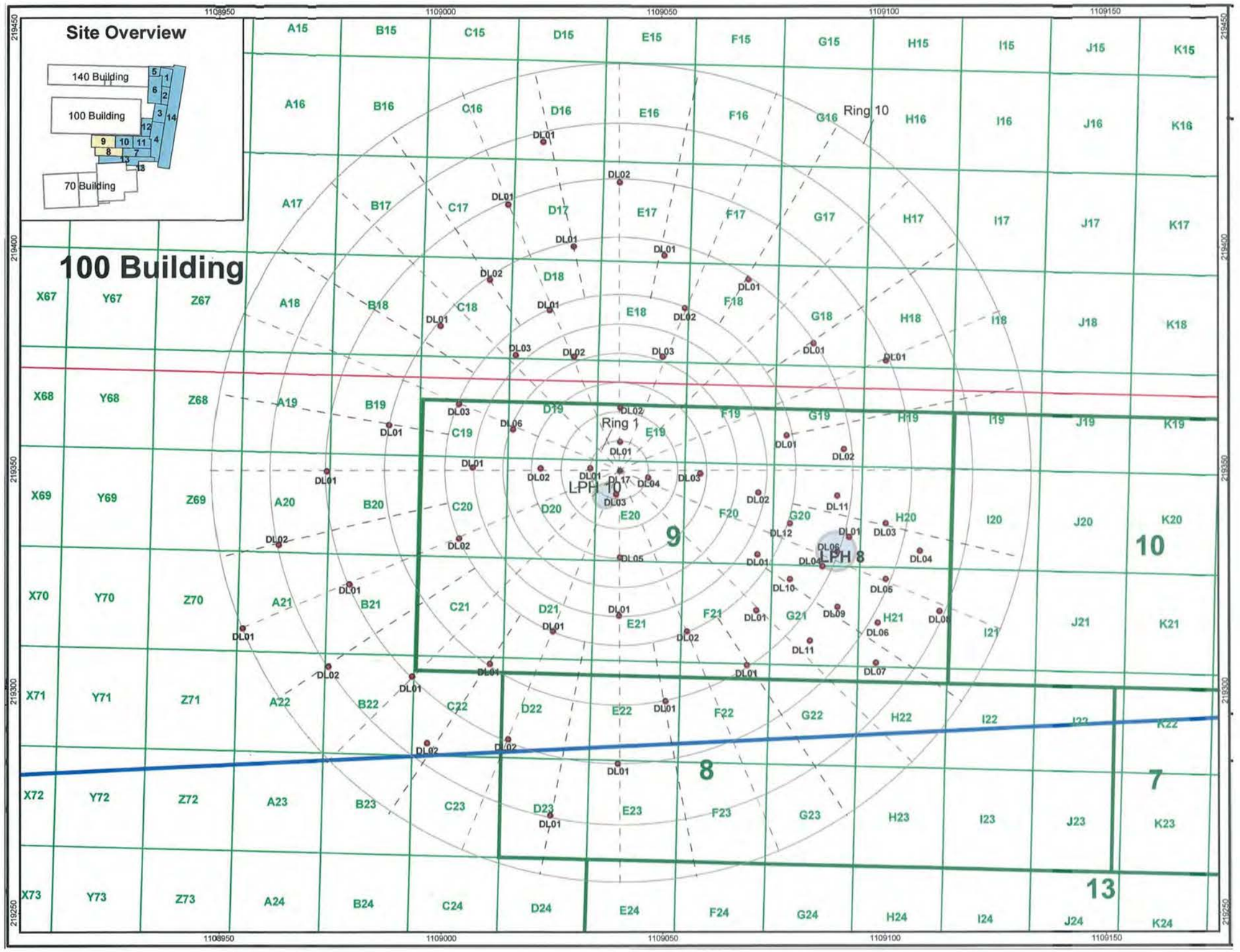
EP-W-09-031
W.A.# 0 -144

Figure A-14
Cells 3, 4, 12, 14, Golf Course Driving Range and Additional Investigation Soil Boring Locations
NCHGW Superfund Site
Nassau County, NY

00-144/144_New Cassel _Fig4-14.dwg 12/30/11



Legend

- Boring Location
- Building
- Property Line
- Subcell Boundary
- Cell Boundary
- Historic Leach Pool

See Table 1 for summarized sample results.

Ring 1-6 : 2 meter radius (typical)
Ring 7 on 16 meter radius
Ring 8 on 20 meter radius
Ring 9 on 24 meter radius
Ring 10 on 28 meter radius

N

Feet
0 20 40

NOTES:

1. PROJECTION INFORMATION: STATE PLANE PROJECTION, LONG ISLAND ZONE, NORTH AMERICA DATUM 1983, FEET
2. SOURCE: URS and ENVIROCON, INC., 2005 f

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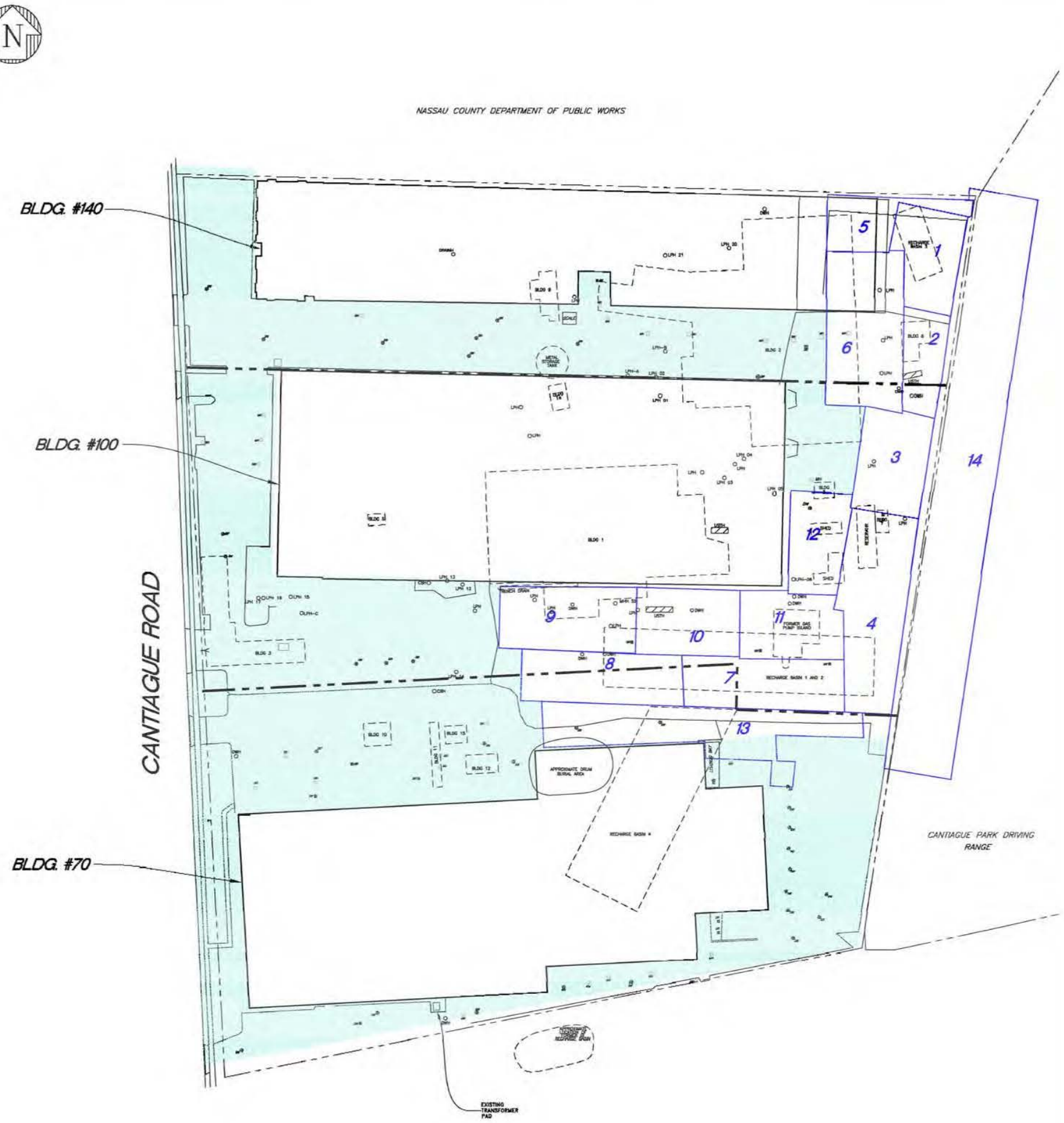
W.A.# 0 -144

Figure A-15
Cell 9
Soil Boring Locations
NCHGW Superfund Site
Nassau County, NY

00-144/144_New Cassel _FigA-15.dwg 12/30/11

R2-0011968



LEGEND

- BLDG. BUILDING
- EXISTING DRAINAGE STRUCTURE
- EXISTING DRYWELL
- EXISTING MANHOLE
- HISTORIC BUILDING
- HISTORIC DRY WELL/DRAIN/CATCH BASIN/ MANHOLE/LEACH POOL
- 1 REMEDIATION CELLS
- RI GEOPHYSICAL SURVEY AREA
- APPROXIMATE PROPERTY LINE

SCALE IN FEET

0 50 100 150

NOTES

1. SITE DATA PROVIDED BY WENDEL DUCHSCHERER DRAWING 1 OF 1, DATED 5/17/07.

Source: EEI, 2010

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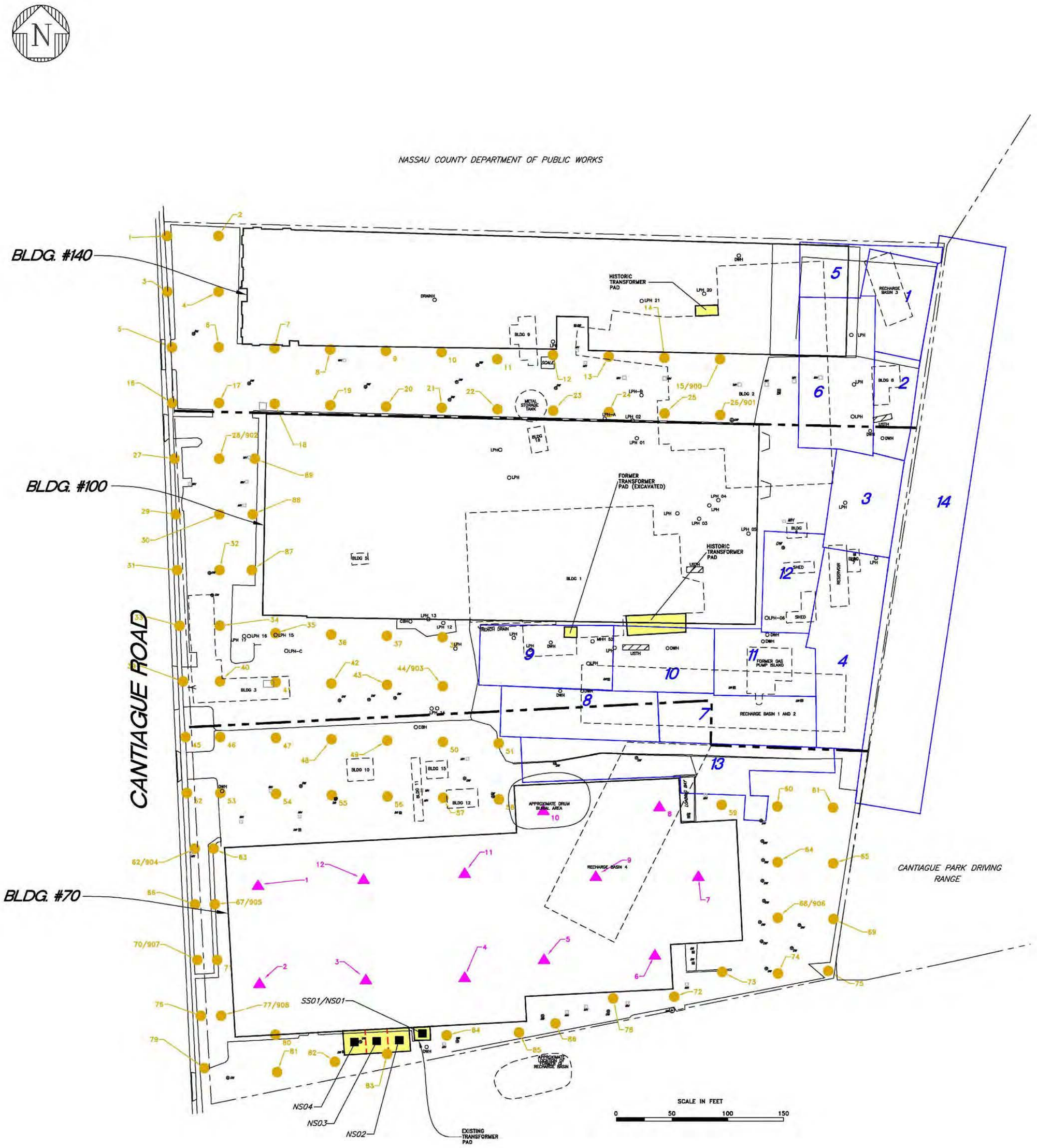
W.A.# 0 -144

Figure A-16
Phase I RI
Geophysical Survey Areas
Sylvania Corning FUSRAP Site
NCHGW Superfund Site
Nassau County, NY

144/144_New Cassel_FigA-16.dwg 10/15/12

R2-0011969



LEGEND

- BLDG. BUILDING
- EXISTING DRAINAGE STRUCTURE
- EXISTING DRYWELL
- EXISTING MANHOLE
- HISTORIC BUILDING
- LPH/DWH/CBH/DRAINH/MHHO — HISTORIC DRY WELL/DRAIN/CATCH BASIN/ MANHOLE/LEACH POOL
- RI SOIL GAS SAMPLE LOCATIONS
- RI SUB-SLAB SOIL VAPOR LOCATIONS
- RI TRANSFORMER PAD SAMPLING LOCATIONS
- 1 — REMEDIATION CELLS
- CURRENT OR FORMER TRANSFORMER PAD
- APPROXIMATE PROPERTY LINE

NOTES

1. SITE DATA PROVIDED BY WENDEL DUCHSCHERER DRAWING 1 OF 1, DATED 5/17/07.

Source: EEI, 2010

U.S. EPA Environmental Response Team
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W.A.# 0 -144

Figure A-17 Phase 1
RI Soil Gas, Sub-Slab Soil Vapor,
And Transformer Pad Sampling Locations
September 2006
Sylvania Corning FUSRAP Site
NCHGW Superfund Site
Nassau County, NY

DWGNAME PLT_DATE

R2-0011970

NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS

LEGEND

- BLDG. BUILDING
- DS ⊞ EXISTING DRAINAGE STRUCTURE
- DW ⊕ EXISTING DRYWELL
- MH □ EXISTING MANHOLE
- HISTORIC BUILDING
- LPH/DWH/CBH/DRAINH/MHHO HISTORIC DRY WELL/DRAIN/CATCH BASIN/ MANHOLE/LEACH POOL
- RI SUB-SLAB SOIL VAPOR LOCATIONS
- RI INDOOR AIR SAMPLE LOCATIONS
- RI OUTDOOR AIR SAMPLE LOCATIONS
- 1 REMEDIATION CELLS
- APPROXIMATE PROPERTY LINE

SCALE IN FEET

0 50 100 150

NOTES

1. SITE DATA PROVIDED BY WENDEL DUCHSCHERER DRAWING 1 OF 1, DATED 5/17/07.

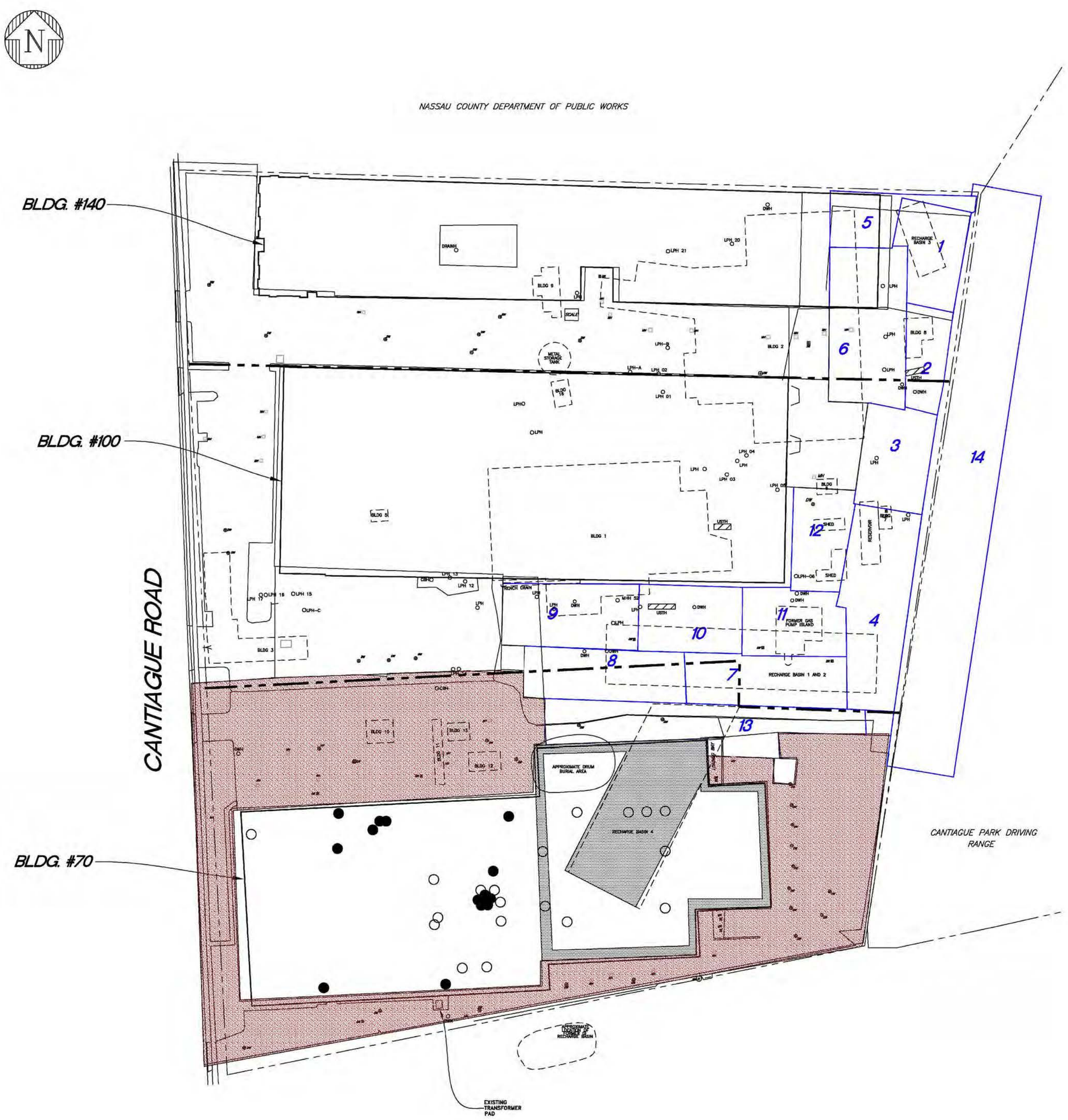
Source: EEI, 2010

U.S. EPA Environmental Response Team
Scientific Engineering Response and Analytical Services
EP-W-09-031
W.A.# 0 -144

Figure A-18 Phase 1
RI Indoor Air, Sub-Slab Soil Vapor,
And Outdoor Air Sampling Locations
September 2006
Sylvania Corning FUSRAP Site
NCHGW Superfund Site
Nassau County, NY

DWGNAME PLT_DATE

R2-0011971



LEGEND

- BLDG. — BUILDING
- EXISTING DRAINAGE STRUCTURE
- EXISTING DRYWELL
- EXISTING MANHOLE
- HISTORIC BUILDING
- LPH/DWH/CBH/DRAINH/MHHO — HISTORIC DRY WELL/DRAIN/CATCH BASIN/ MANHOLE/LEACH POOL
- 1 — REMEDIATION CELLS
- WALKOVER GAMMA RADIATION SURVEY
- INTERIOR WALKOVER GAMMA RADIATION SURVEY
- VERIFICATION SURVEY POINTS
- DRAIN SURVEY POINTS
- APPROXIMATE PROPERTY LINE

SCALE IN FEET

0 50 100 150

NOTES

1. SITE DATA PROVIDED BY WENDEL DUCHSCHERER DRAWING 1 OF 1, DATED 5/17/07.

Source: EEI, 2010

U.S. EPA Environmental Response Team
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EP-W-09-031
W.A.# 0-144

Figure A-19
Phase I
RI Gamma Radiation Survey Areas
Sylvania Corning FUSRAP Site
NCHGW Superfund Site
Nassau County, NY

DWGNAME PLT_DATE

R2-0011972

NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS

BLDG. #140

BLDG. #100

BLDG. #70

CANTIAGUE ROAD

CANTIAGUE PARK DRIVING RANGE

SU08

SU09

SU10

SU11

SU12

SU13

SU14

APPROXIMATE DRUM BURIAL AREA

APPROXIMATE LOCATION OF FORMER RECHARGE BASIN

EXISTING TRANSFORMER PAD

SCALE IN FEET
0 40 80 120

LEGEND

- BLDG. BUILDING
- EXISTING DRAINAGE STRUCTURE
- EXISTING DRYWELL
- EXISTING MANHOLE
- HISTORIC BUILDING
- LPH/DWH/CBH/DRAINH/MHHO — HISTORIC DRY WELL/DRAIN/CATCH BASIN/ MANHOLE/LEACH POOL
- SHALLOW BORING DRILLED PHASE II
- INTERMEDIATE BORING DRILLED PHASE II
- DEEP BORING DRILLED IN PHASE II
- 1 — REMEDIATION CELLS
- SURVEY UNIT SAMPLING LOCATION GRID
- DATA GAP AREA
- APPROXIMATE PROPERTY LINE

NOTES

1. SITE DATA PROVIDED BY WENDEL DUCHSCHERER DRAWING 1 OF 1, DATED 5/17/07.
2. BORINGS WITHIN REMEDIAL CELLS ARE CONFIRMATORY BORINGS.

SITE LOCATION

SITE LOCATION MAP
SCALE: 1"=150'

Source: EEI, 2010

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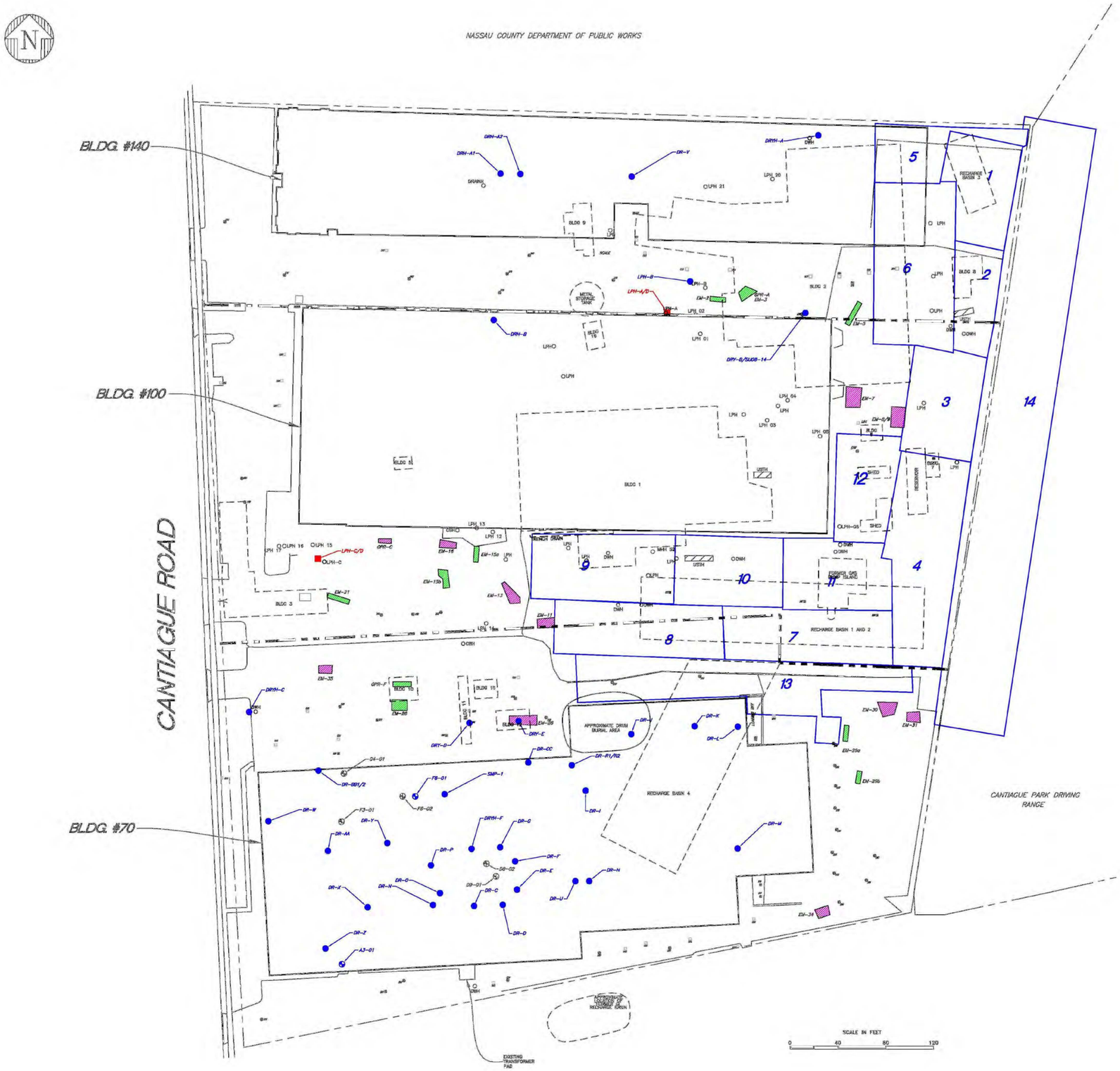
EP-W-09-031
W.A.# 0 -144

Figure A-20
Phase II Data Gap
Soil Boring Locations
Sylvania Coring FUSRAP Site
NCHGW Superfund Site
Nassau County, NY

PLT_DATE
DVGNAME

R2-0011973



LEGEND

- BUILDING
- EXISTING DRAINAGE STRUCTURE
- EXISTING DRYWELL
- EXISTING MANHOLE
- HISTORIC BUILDING
- HISTORIC DRY WELL/DRAIN/CATCH BASIN/ MANHOLE/LEACH POOL
- PHASE IIa TEST TRENCH LOCATION
- PHASE IIb TEST TRENCH LOCATION
- CONCRETE CORE SAMPLE LOCATION
- SHALLOW CONCRETE CORE SAMPLE/SOIL BORING DRILLED IN PHASE IIA
- SHALLOW DRAIN/DRYWELL/LEACHPOOL/SMP BORING DRILLED IN PHASE II
- DEEP LEACHPOOLS DRILLED IN PHASE IIB
- REMEDIATION CELLS
- APPROXIMATE PROPERTY LINE

NOTES

1. SITE DATA PROVIDED BY WENDEL DUCHSCHERER DRAWING 1 OF 1, DATED 5/17/07.

SITE LOCATION

SITE LOCATION MAP
SCALE: 1"=150'

Source: EEI, 2010

Figure A-21
Phase II Leach Pool/Drain/Drywell/ Sump Borings, Concrete Core and Test Pit Locations
Sylvania Corning FUSRAP Site
NCHGW Superfund Site
Nassau County, New York

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EP-W-09-031
W.A.# 0 -144

PLT_DATE
DWGNAME

NASSAU COUNTY DEPARTMENT OF PUBLIC WORKS

BLDG. #140

BLDG. #100

BLDG. #70

CANTIAGUE ROAD

CANTIAGUE PARK DRIVING RANGE

APPROXIMATE DRUM BURIAL AREA

RECHARGE BASIN 4

RECHARGE BASIN 1 AND 2

RECHARGE BASIN 3

FORMER GAS RELIEF ISLAND

EXISTING TRANSFORMER PAD

SCALE IN FEET

0 40 80 120

LEGEND

- BLDG. BUILDING
- EXISTING DRAINAGE STRUCTURE
- EXISTING DRYWELL
- EXISTING MANHOLE
- HISTORIC BUILDING
- LPH/DRH/CBH/DRAIN/MANHO HISTORIC DRY WELL/DRAIN/CATCH BASIN/ MANHOLE/LEACH POOL
- SHALLOW BORINGS DRILLED IN PHASE IIIA
- 1 REMEDIATION CELLS
- APPROXIMATE PROPERTY LINE

NOTES

1. SITE DATA PROVIDED BY WENDEL DUCHSCHERER DRAWING 1 OF 1, DATED 5/17/07.

SITE LOCATION

SITE LOCATION MAP
SCALE: 1"=150'

Source: EEI, 2010

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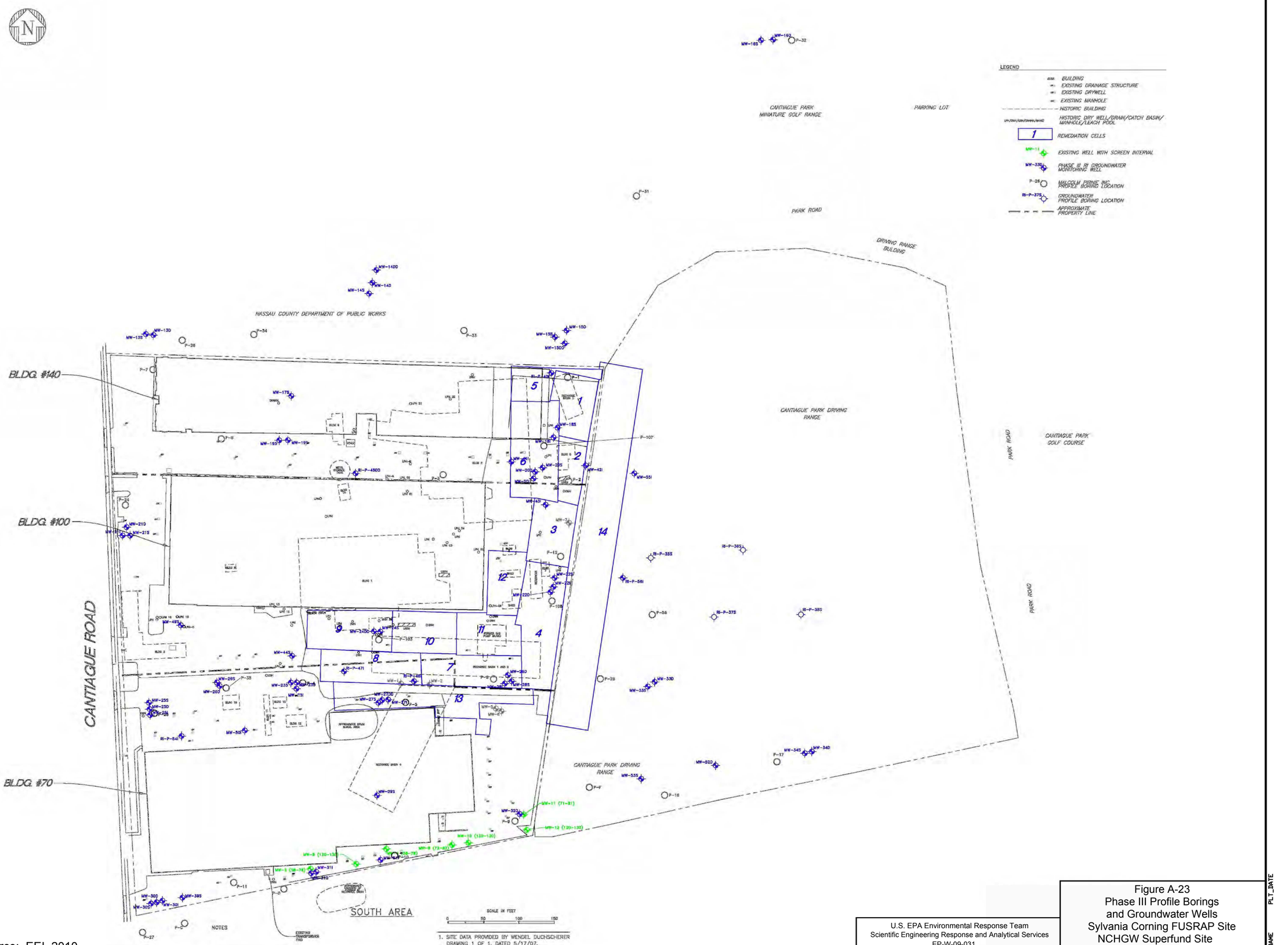
EP-W-09-031
W.A.# 0-144

Figure A-22
Phase IIIA Soil Boring Locaions
Sylvania Corning FUSRAP Site
NCHGW Superfund Site
Nassau County, New York

PLT_DATE
DWGNAME



Source: EEI, 2010

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Scientific Engineering Response and Analytical Services
EP-W-09-031
W.A.# 0-144

Figure A-23
Phase III Profile Borings
and Groundwater Wells
Sylvania Corning FUSRAP Site
NCHGW Superfund Site
Nassau County, New York

LEGEND

- ⊕ USACE WELL LOCATION
- ⊕ GI WELL LOCATION
- ⊕ NYSDEC WELL LOCATION
- ⊕ GTEOSI WELL LOCATION

NOTES

1. AERIAL IMAGE FROM NYS GIS CLEARINGHOUSE HIGH RESOLUTION DIGITAL ORTHOIMAGERY (6-INCH RESOLUTION - 2007).
2. SOURCE: MPI 2011

SCALE IN FEET

0 250 500 1,000

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Figure A-24
On-Site and Off-Site Monitoring
Well Location Map
Former Sylvania Site
NCHGW Superfund Site
Nassau County, NY

0-144/144_New_Cassel_FigA-24.dwg

R2-0011977

LEGEND

- GTEOSI PROFILE LOCATION
- GI PROFILE LOCATION
- NYSDEC CANTIAGUE ROCK ROAD INVESTIGATION PROFILE LOCATION

NOTES

1. AERIAL IMAGE FROM NYS GIS CLEARINGHOUSE HIGH RESOLUTION DIGITAL ORTHOIMAGERY (6-INCH RESOLUTION - 2007).
2. SOURCE: MPI 2011

SCALE IN FEET

0 300 600 1,200

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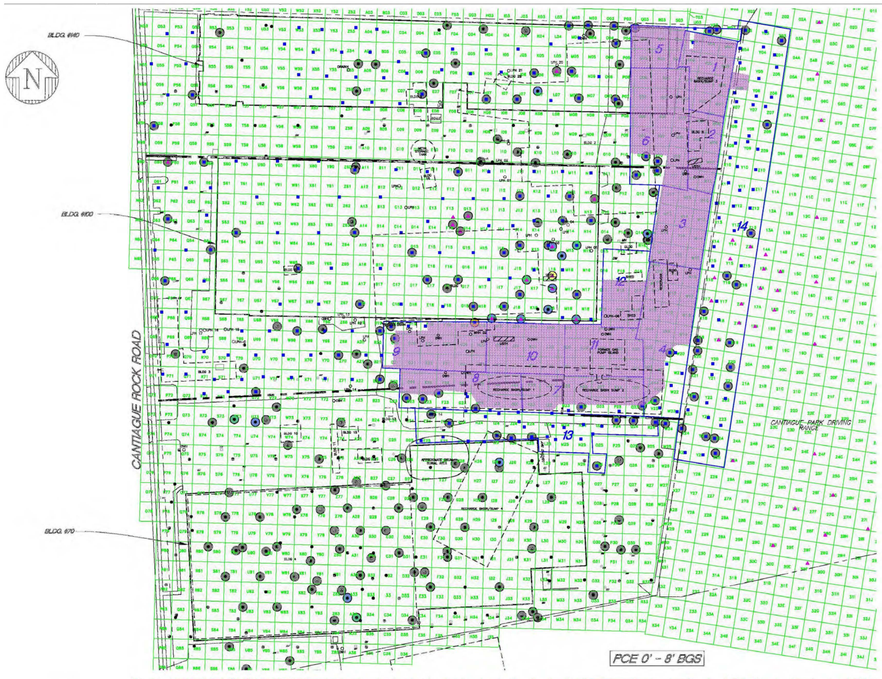
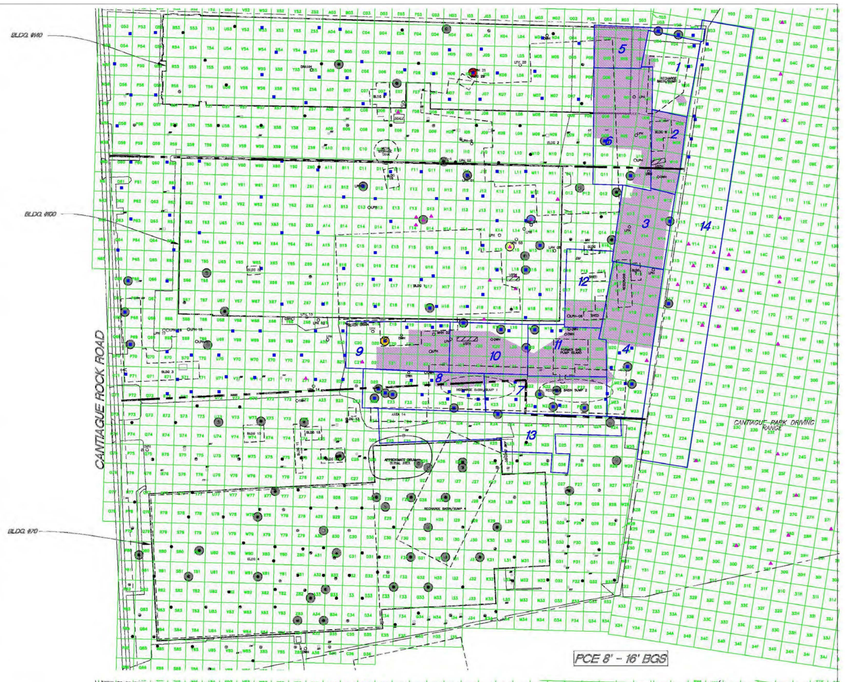
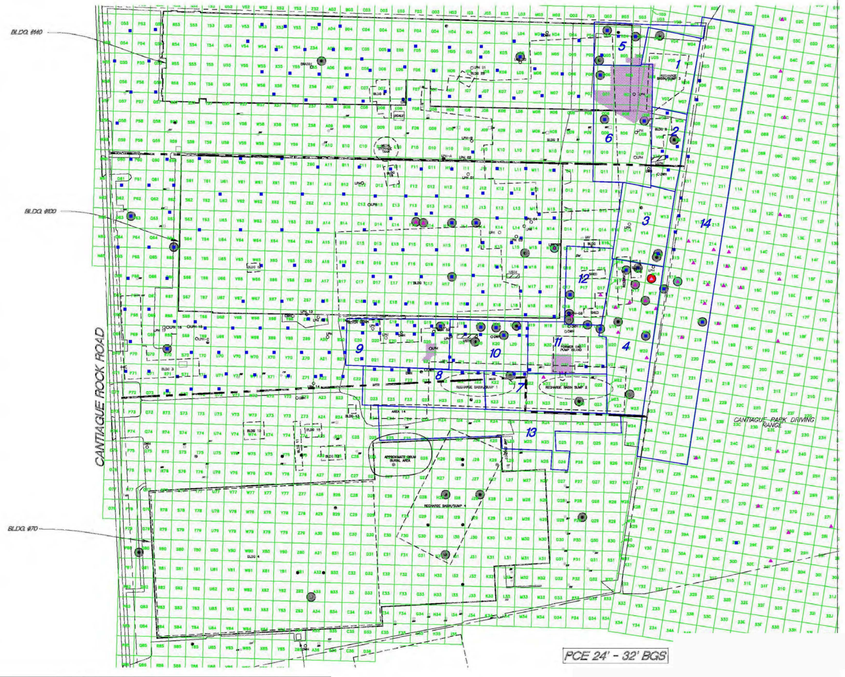
Figure A-25
Waterloo Profiler Locations
Former Sylvania Site
NCHGW Superfund Site
Nassau County, NY

0-144/144_New_Cassel_FigA-25.dwg







SCALE IN FEET
0 60 120 180

NOTES:
1. SITE DATA PROVIDED BY WENDEL DUCHSCHERER DRAWING 1 OF 1, DATED 5/17/07.
2. REPRESENTS AREA WITHIN REMEDIAL CELL WHERE ONLY BACKFILL EXISTS ACROSS INTERVAL AND NO NATIVE SOILS ARE PRESENT.

LEGEND
- BLDG. BUILDING
- EXISTING DRAINAGE STRUCTURE
- EXISTING DRYWELL
- EXISTING MANHOLE
- HISTORIC BUILDING
- HISTORIC CATCH BASIN/DRAIN/DRY WELL/ LEACH POOL/MANHOLE
- APPROXIMATE PROPERTY LINE
- 1 REMEDIATION CELLS

SAMPLE TYPE
- USACE OFF-SITE LABORATORY ANALYSIS
- GTROG ON-SITE LABORATORY ANALYSIS
- GTROG OFF-SITE LABORATORY ANALYSIS

SAMPLE CONCENTRATION RANGE
- >0 TO 1,000 PCE
- 1,000 TO 5,000 PCE
- 5,000 TO 10,000 PCE
- 10,000 TO 100,000 PCE
- 100,000 TO 1,000,000 PCE
- >1,000,000 PCE

UNITS: ug/kg

0.05 SUBCELL GRID

AREA WITHIN REMEDIAL CELL WHERE ONLY BACKFILL EXISTS (SEE NOTE 2)

ecology and environment

Source: EEI, 2010

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Figure A-26
PCE Concentrations in Site Soils (0'-32' BGS)
Sylvania Corning FUSRAP Site
NCHGW Superfund Site
Nassau County, New York

PLT_DATE
DWGNAME

R2-0011979

NOTES:
1. SITE DATA PROVIDED BY WENDEL DUCHSCHERER DRAWING 1 OF 1, DATED 5/17/07.
2. REPRESENTS AREA WITHIN REMEDIAL CELL WHERE ONLY BACKFILL EXISTS ACROSS INTERVAL AND NO NATIVE SOILS ARE PRESENT.

SCALE IN FEET
0 60 120 180

LEGEND
- BLDG. BUILDINGS
- EXISTING DRAINAGE STRUCTURE
- EXISTING DRYWELL
- EXISTING MANHOLE
- HISTORIC BUILDING
- HISTORIC CATCH BASIN/DRAIN/DRY WELL/ LEACH POOL/MANHOLE
- APPROXIMATE PROPERTY LINE
- 1 REMEDIATION CELLS

SAMPLE TYPE
- USACE OFF-SITE LABORATORY ANALYSIS
- OTISCO ON/OFF-SITE LABORATORY ANALYSIS
- QTESS OFF-SITE LABORATORY ANALYSIS

SAMPLE CONCENTRATION RANGE
- >0 TO 1,000 PCE
- 1,000 TO 5,000 PCE
- 5,000 TO 10,000 PCE
- 10,000 TO 100,000 PCE
- 100,000 TO 1,000,000 PCE
- >1,000,000 PCE
- UNITS: ug/kg
- 036 SUBCELL GRID
- AREA WITHIN REMEDIAL CELL WHERE ONLY BACKFILL EXISTS (SEE NOTE 2)

Source: EEI, 2010

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Figure A-27
PCE Concentrations in
Site Soils (32'-64' BGS)
Sylvania Corning FUSRAP Site
NCHGW Superfund Site
Nassau County, New York

PLT_DATE
DWGNAME

R2-0011980

Source: EEI, 2010

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Figure A-28
Nickel Concentrations in
Site Soils (0'-32' BGS)
Sylvania Corning FUSRAP Site
NCHGW Superfund Site
Nassau County, New York

PLT_DATE
DWGNAME

R2-0011981

NOTES:
1. SITE DATA PROVIDED BY WENDEL, DUCHSCHERER DRAWING 1 OF 1, DATED 5/17/07.
2. REPRESENTS AREA WITHIN REMEDIAL CELL WHERE ONLY BACKFILL EXISTS ACROSS INTERVAL AND NO NATIVE SOILS ARE PRESENT.

SCALE IN FEET
0 60 120 180

LEGEND
BLDG. BUILDING
EXISTING DRAINAGE STRUCTURE
EXISTING DRYWELL
EXISTING MANHOLE
HISTORIC BUILDING
HISTORIC CATCH BASIN/DRAIN/DRY WELL/ LEACH POOL/MANHOLE
1 REMEDIATION CELLS
APPROXIMATE PROPERTY LINE

SAMPLE TYPE
USACE OFF-SITE LABORATORY ANALYSIS
EPOSS ON-SITE LABORATORY ANALYSIS
GTEOSS OFF-SITE LABORATORY ANALYSIS

SAMPLE CONCENTRATION RANGE
16–48 Ni
48–560 Ni
560–1,000 Ni
1,000–2,000 Ni
2,000–5,000 Ni
5,000–10,000 Ni
UNITS: mg/kg

036 SUBCELL GRID
AREA WITHIN REMEDIAL CELL WHERE ONLY BACKFILL EXISTS (SEE NOTE 2)

Source: EEI, 2010

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EP-W-09-031
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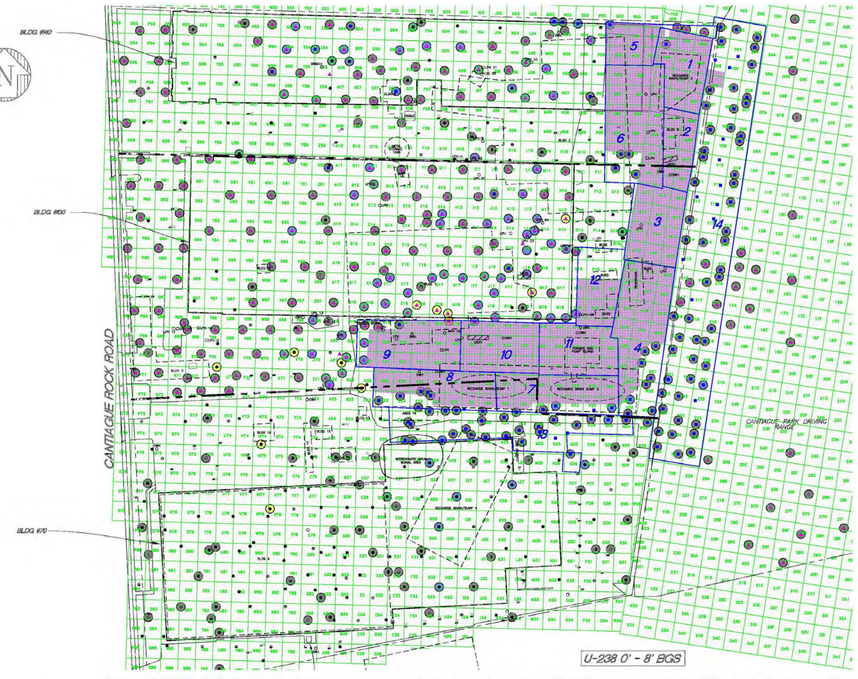
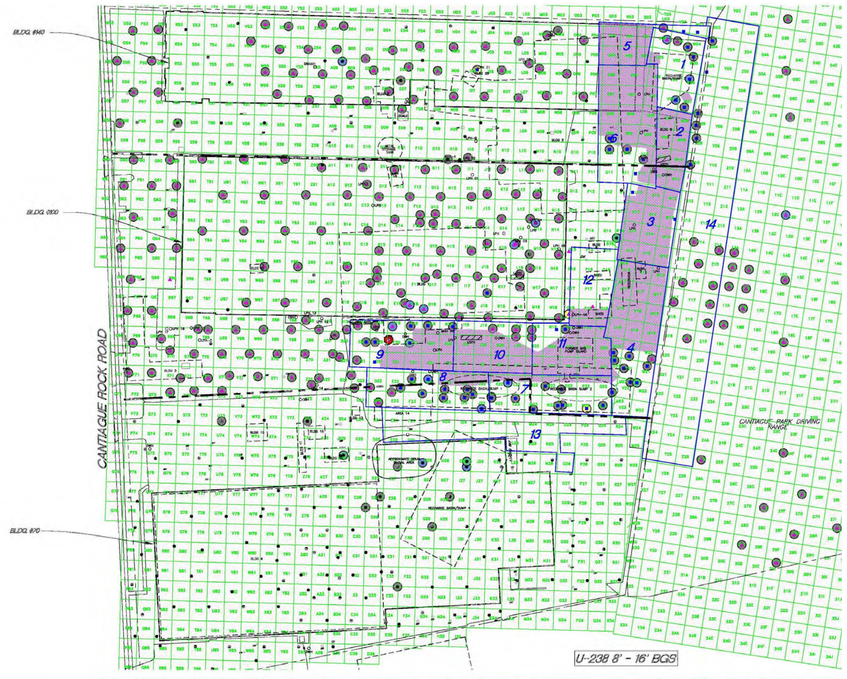
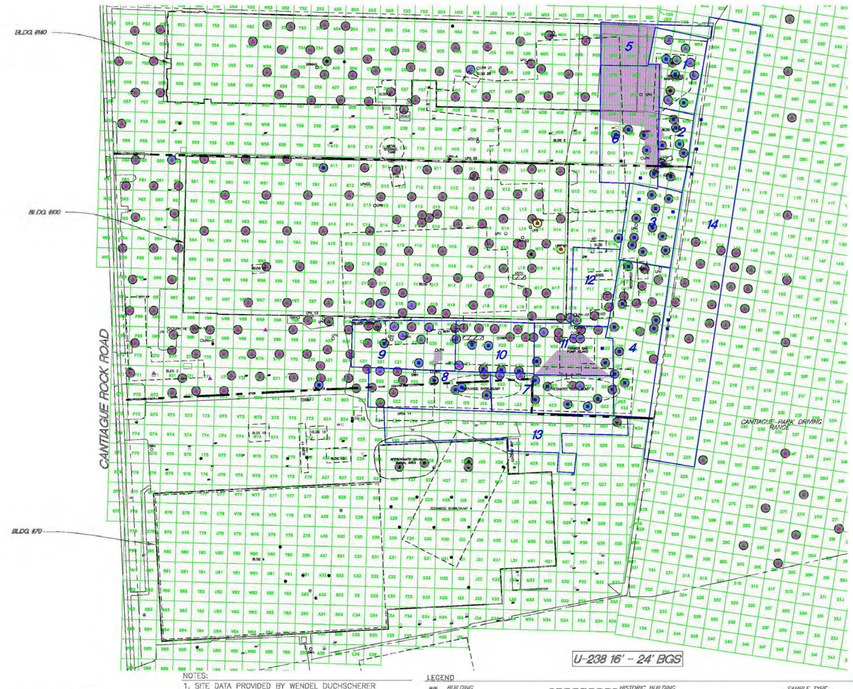
Figure A-29
Nickel Concentrations in Site Soils (32'-64' BGS)
Sylvania Corning FUSRAP Site
NCHGW Superfund Site
Nassau County, New York

PLT_DATE
DVGNAME

R2-0011982







SCALE IN FEET
0 60 120 180

NOTES:
1. SITE DATA PROVIDED BY WENDEL DUCHSCHERER DRAWING 1 OF 1, DATED 5/17/07.
2. REPRESENTS AREA WITHIN REMEDIAL CELL WHERE ONLY BACKFILL EXISTS ACROSS INTERVAL AND NO NATIVE SOILS ARE PRESENT.

LEGEND
- BLDG. BUILDING
- EXISTING DRAINAGE STRUCTURE
- EXISTING DRYWELL
- EXISTING MANHOLE
- HISTORIC BUILDING
- HISTORIC CATCH BASIN/DRAIN/DRY WELL/ LEACH POOL/MANHOLE
- APPROXIMATE PROPERTY LINE
- 1 REMEDIATION CELLS

SAMPLE TYPE
- USACE OFF-SITE LABORATORY ANALYSIS
- CITGO ON-SITE LABORATORY ANALYSIS
- CITGO OFF-SITE LABORATORY ANALYSIS

SAMPLE CONCENTRATION RANGE (UNITS: pCi/g)
- 0.9 TO 10 U-238
- 10 TO 25 U-238
- 25 TO 50 U-238
- 50 TO 200 U-238
- 200 TO 1,000 U-238
- 1,000+ TO 10,000 U-238

036 SUBCELL GRID

AREA WITHIN REMEDIAL CELL WHERE ONLY BACKFILL EXISTS (SEE NOTE 2)

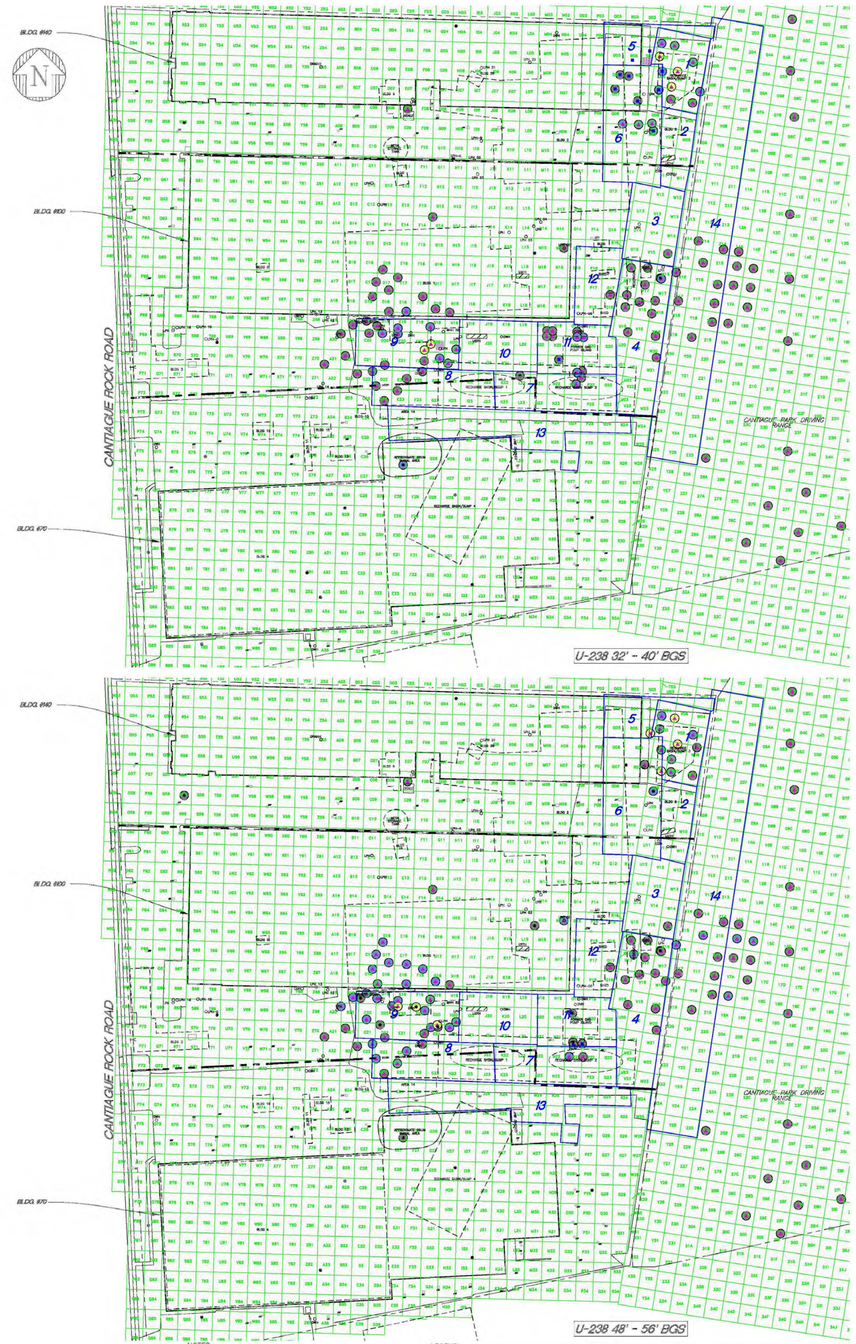
Source: EEI, 2010

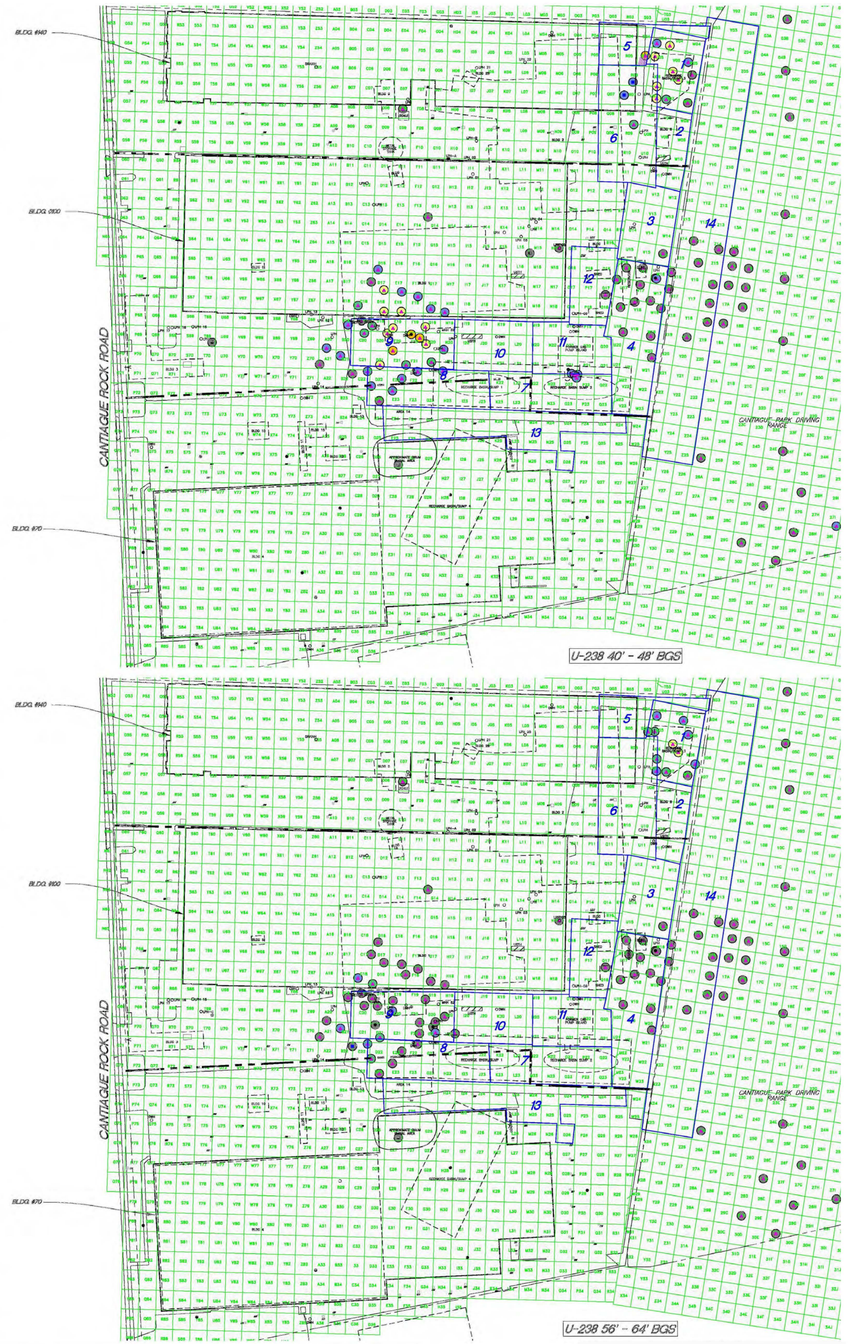
U.S. EPA Environmental Response Team
Scientific Engineering Response and Analytical Services
EP-W-09-031
W.A.# 0-144

Figure A-30
U-238 Concentrations in Site Soils (0'-32' BGS)
Sylvania Corning FUSRAP Site
NCHGW Superfund Site
Nassau County, New York

PLT_DATE
DWGNAME

R2-0011983





NOTES:
1. SITE DATA PROVIDED BY WENDEL DUCHSCHERER DRAWING 1 OF 1, DATED 5/17/07.
2. REPRESENTS AREA WITHIN REMEDIAL CELL WHERE ONLY BACKFILL EXISTS ACROSS INTERVAL AND NO NATIVE SOILS ARE PRESENT.

SCALE IN FEET: 0 60 120 180

LEGEND
- BLDG. BUILDING
- EXISTING DRAINAGE STRUCTURE
- EXISTING DRYWELL
- EXISTING MANHOLE
- HISTORIC BUILDING
- HISTORIC CATCH BASIN/DRAIN/DRY WELL/ LEACH POOL/MANHOLE
- APPROXIMATE PROPERTY LINE
- 1 REMEDIATION CELLS

SAMPLE TYPE:
- USACE OFF-SITE LABORATORY ANALYSIS
- CTDOD ON-SITE LABORATORY ANALYSIS
- CTDOS OFF-SITE LABORATORY ANALYSIS

SAMPLE CONCENTRATION RANGE (UNITS: pCi/g):
- 0.9 TO 10 U-238
- 10 TO 25 U-238
- 25 TO 50 U-238
- 50 TO 200 U-238
- 200 TO 1,000 U-238
- 1,000+ TO 10,000 U-238

U-238 SUBCELL GRID

AREA WITHIN REMEDIAL CELL WHERE ONLY BACKFILL EXISTS (SEE NOTE 2)

Source: EEI, 2010

U.S. EPA Environmental Response Team
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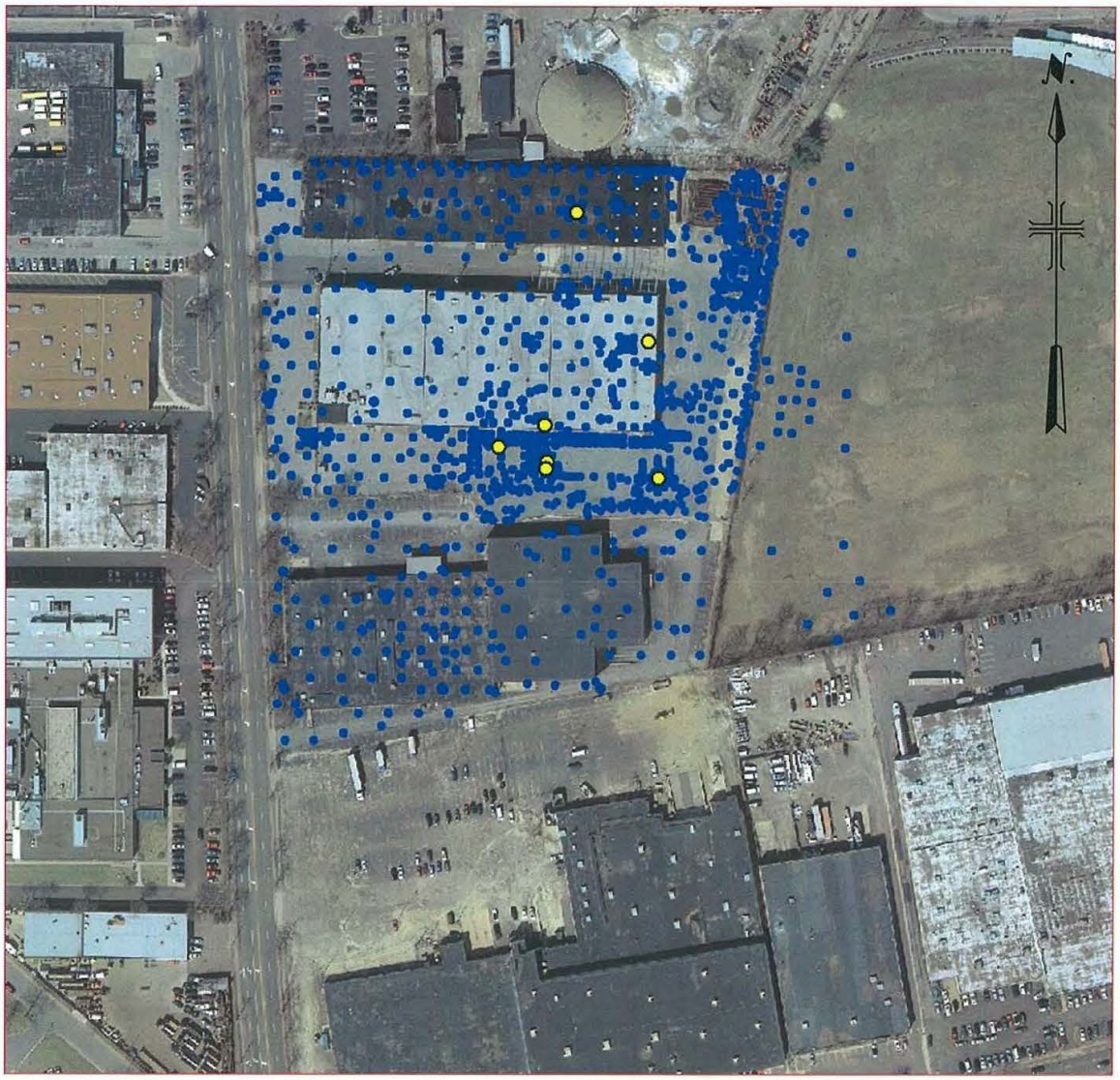
Figure A-31
U-238 Concentrations in
Site Soils (32'-64' BGS)
Sylvania Corning FUSRAP Site
NCHGW Superfund Site
Nassau County, New York

PLT_DATE
DWGNAME

R2-0011984



LEGEND

- SOIL SAMPLING LOCATION
- SAMPLE LOCATION WITH THORIUM 232 EXCEEDING THE SITE SOIL STANDARD OF 3.4 PCI/G, WHICH IS REPRESENTATIVE OF 2.8 PCI/G ABOVE SITE BACKGROUND (0.6 PCI/G).

SCALE IN FEET

0 100 200 400

NOTES

1. AERIAL IMAGE FROM NYS GIS CLEARINGHOUSE HIGH RESOLUTION DIGITAL ORTHOIMAGERY (6-INCH RESOLUTION – 2007).
2. RESULTS DO NOT INCLUDE SAMPLE LOCATIONS FROM AREAS THAT HAVE BEEN REMEDIATED.

SOURCE: MPI, 2011

Figure A-32
On-Site Thorium Exceeding
3.4 PCI/G
Sylvania Corning FUSRAP Site
NCHGW Superfund Site
Nassau County, New York

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EP-W-09-031
W.A.# 0 -144

DWGNAME PLT_DATE

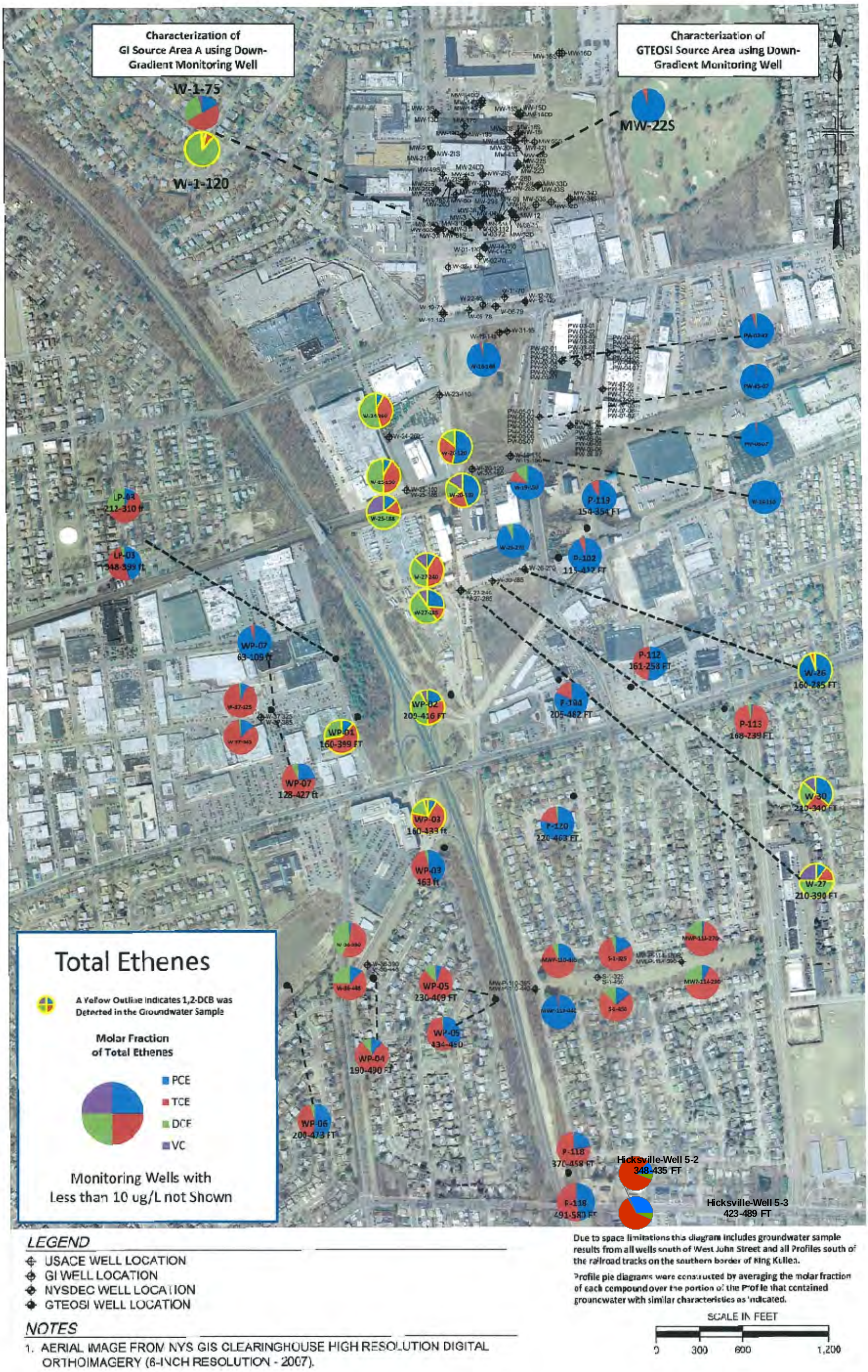

Figure A-33
Molar Fractions of VOCs in Groundwater Collected from Monitoring Wells and Selected Profile Borings
NCHGW Superfund Site
Nassau County, New York

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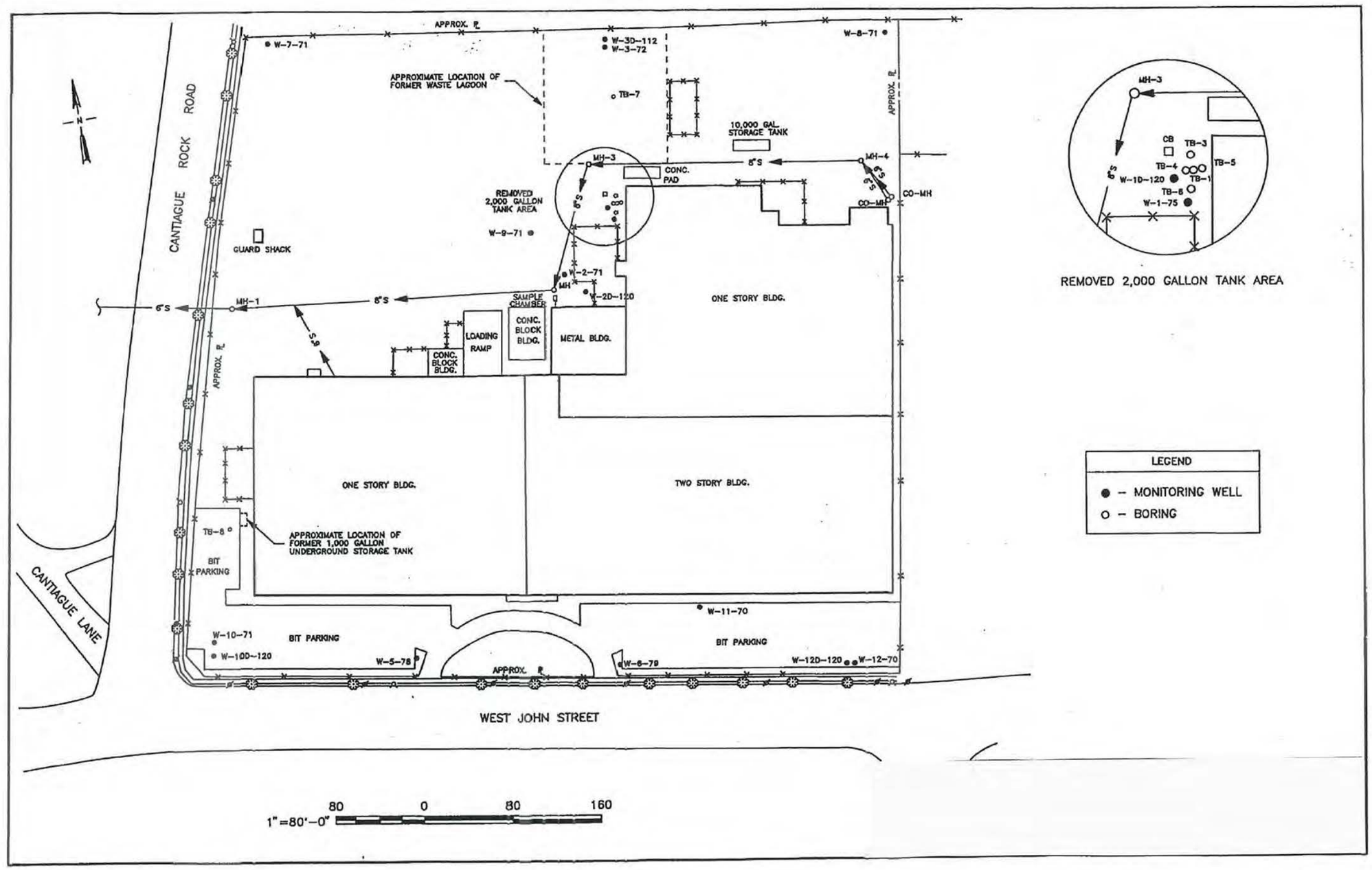
EP-W-09-031
W.A. # 0-144

Data: g:\arcviewprojects\SERAS01\00-144
MXD file: g:\ArcInfoProjects\SERAS01\SER00144_NewCassel_IndustrialArea\144_New_Cassel_FigA_33

APPENDIX B
New Cassel/Hicksville Ground Water Contamination Site
Nassau County, New York
July 2013



REMOVED 2,000 GALLON TANK AREA

LEGEND
● – MONITORING WELL
○ – BORING

SOURCE: STEARNS & WHELER, 1992

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W.A.# 0 -144

Figure B-1
Site Map
NCHGW Superfund Site
Nassau County, NY

00-144/144_New Cassel_FigB-1.dwg 01/03/12

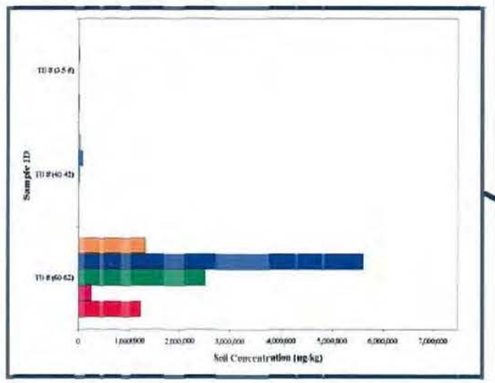
Legend

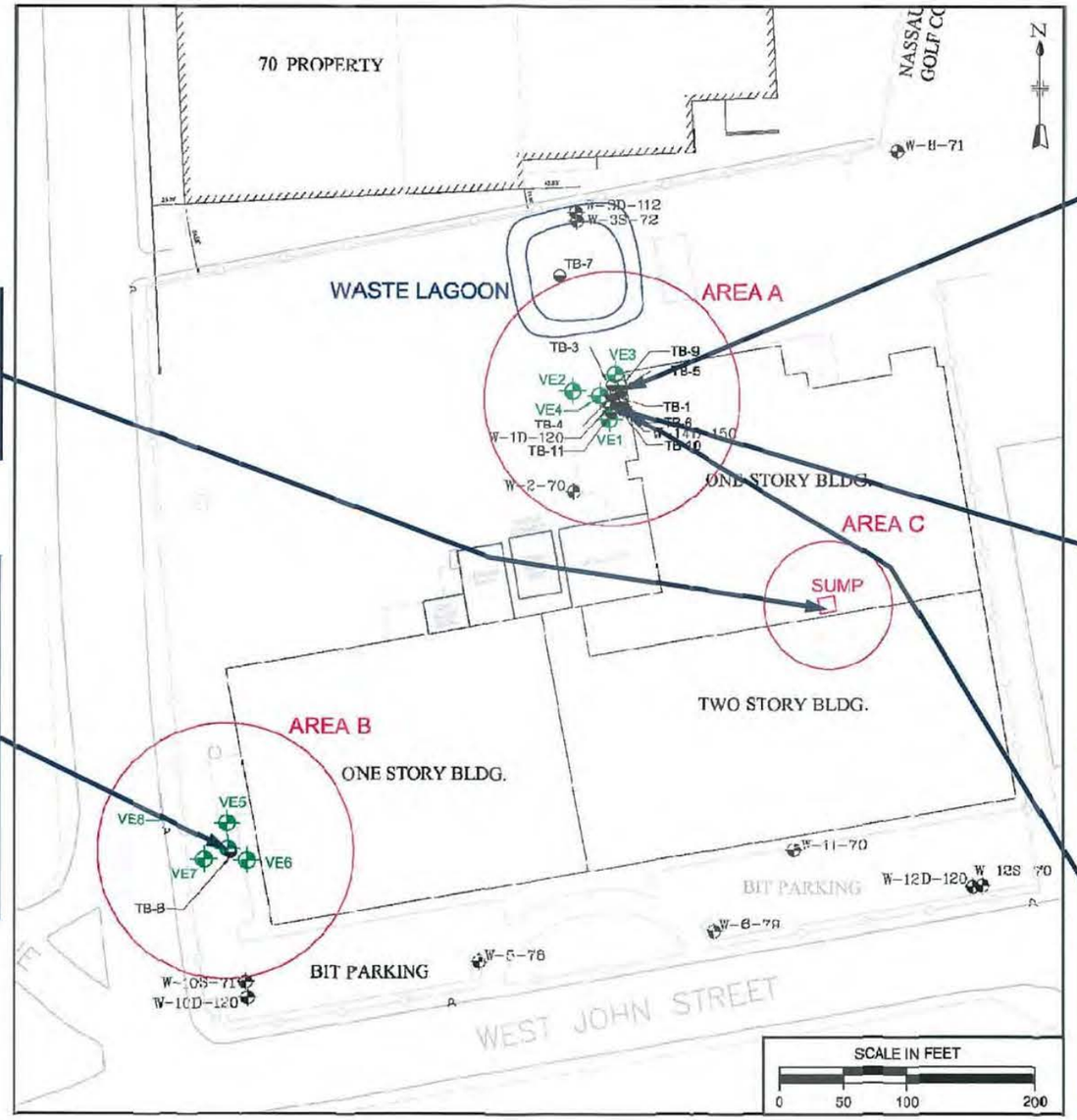
- 1,2-DCB
- Total Xylenes
- Ethylbenzene
- PCE
- TCE

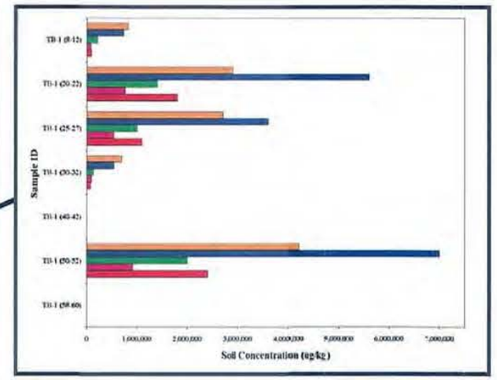
Concentrations Reported from Soil Samples Beneath the Sumps:

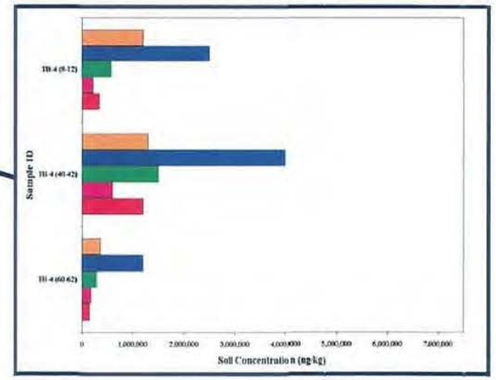
Sump D (2 ft bgs) TCE = 16,000,000 ug/Kg
PCE = 2,900,000 ug/Kg

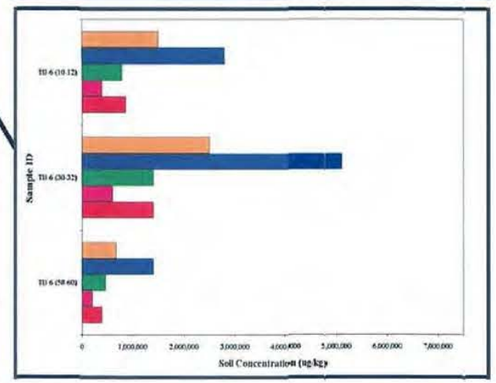
Sump S (0.5 ft bgs) TCE = 250,000 ug/Kg
PCE = 17,000 ug/Kg











Data Sources: Remedial Investigation General Instrument Corporation prepared by Stearns and Wheler January 1992 and Chemtech laboratory report dated June 10, 1980.

SOURCE: MPI, 2011

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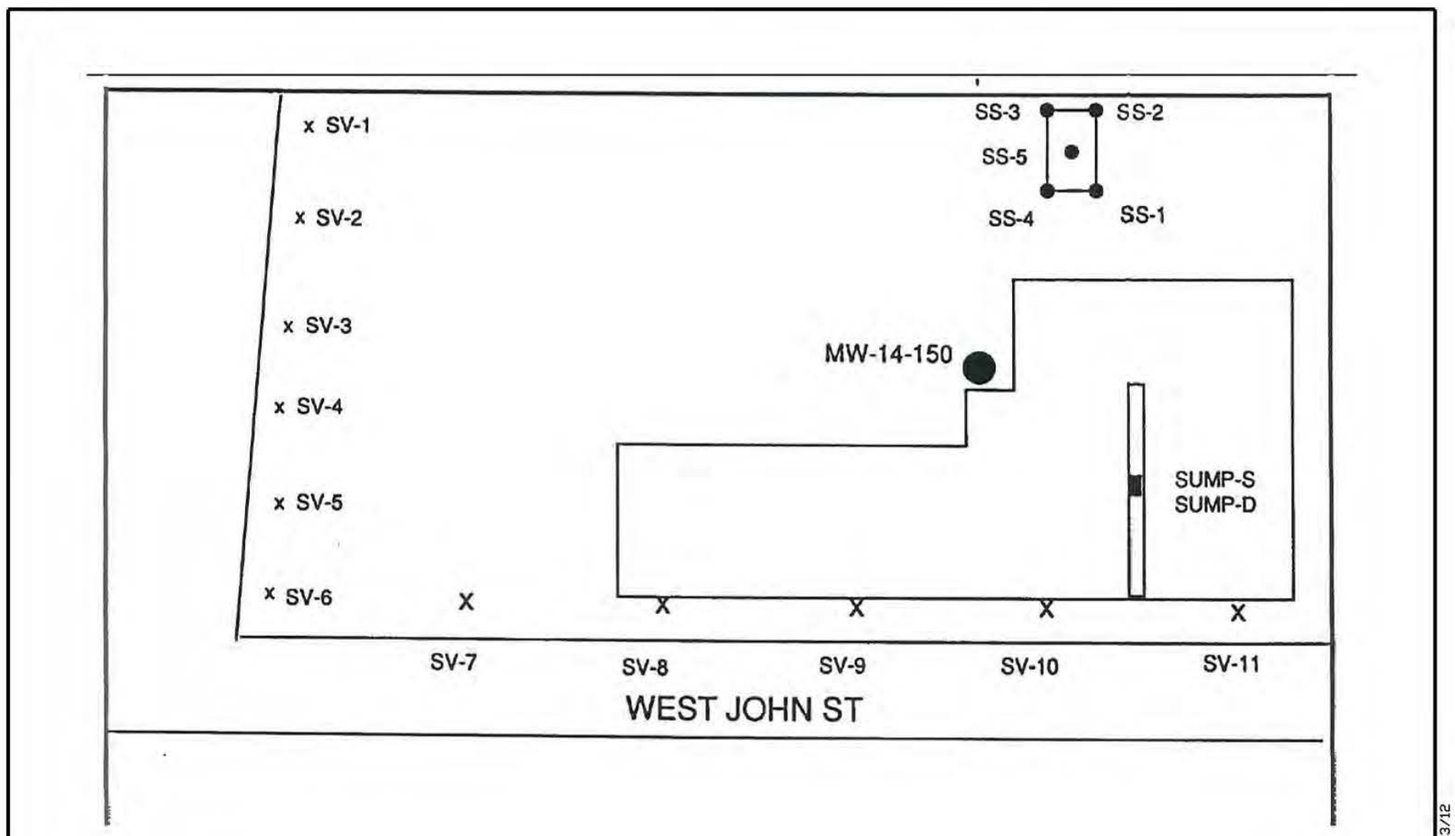
Figure B-2
GI Source Areas
NCHGW Superfund Site
Nassau County, NY

00-144/144_New Cassel_FigB-2.dwg 01/03/12

R2-0011989



SOURCE: Stearns and Wheler, 1995

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W.A.# 0-144

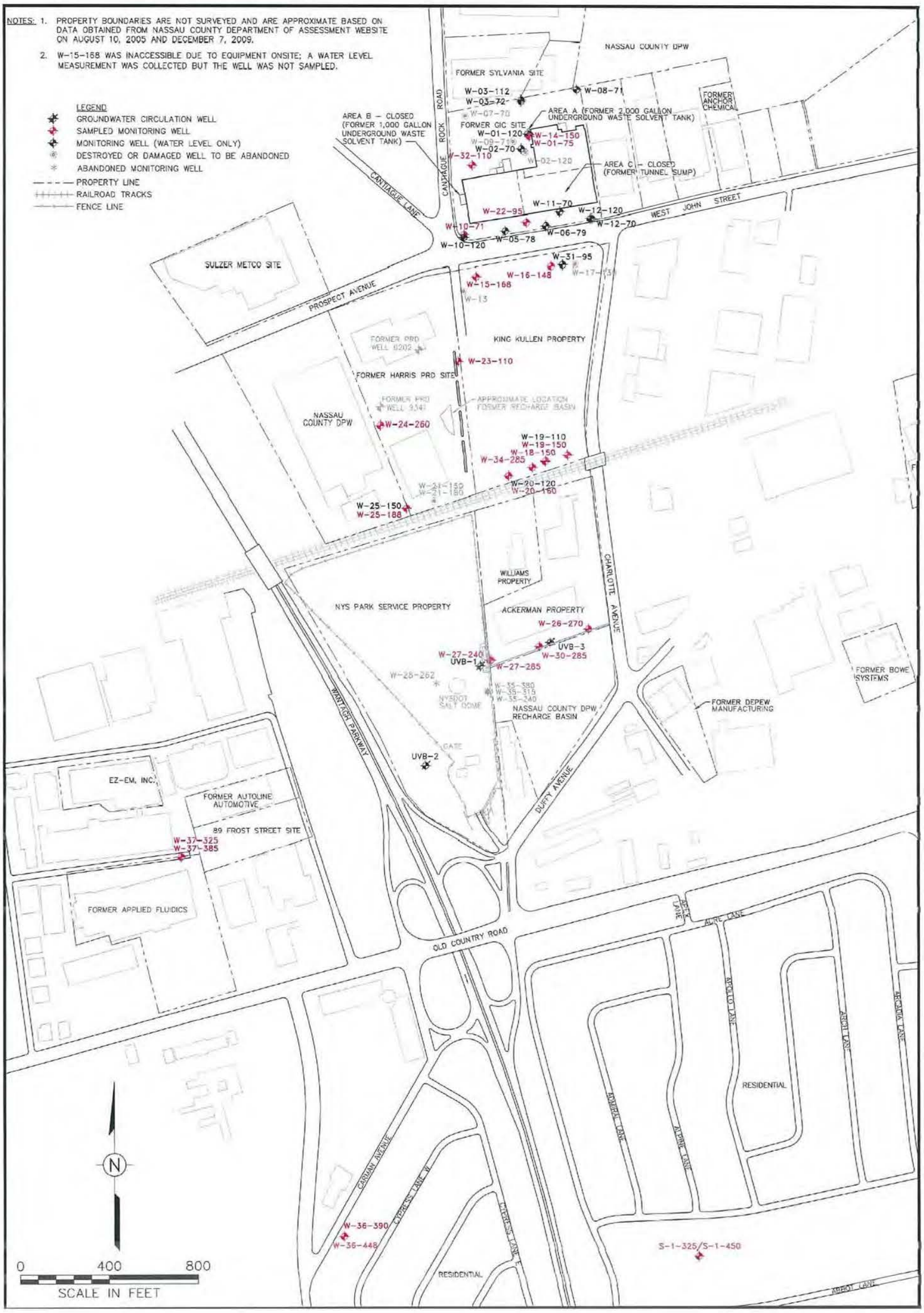
Figure B-3
Proposed Well
MW-15D-140
NCHGW Superfund Site
Nassau County, NY

0-144/144_New Cassel_FigB-3.dwg 01/03/12

NOTES: 1. PROPERTY BOUNDARIES ARE NOT SURVEYED AND ARE APPROXIMATE BASED ON DATA OBTAINED FROM NASSAU COUNTY DEPARTMENT OF ASSESSMENT WEBSITE ON AUGUST 10, 2005 AND DECEMBER 7, 2009.

2. W-15-168 WAS INACCESSIBLE DUE TO EQUIPMENT ONSITE; A WATER LEVEL MEASUREMENT WAS COLLECTED BUT THE WELL WAS NOT SAMPLED.

LEGEND
- GROUNDWATER CIRCULATION WELL
- SAMPLED MONITORING WELL
- MONITORING WELL (WATER LEVEL ONLY)
- DESTROYED OR DAMAGED WELL TO BE ABANDONED
- ABANDONED MONITORING WELL
- PROPERTY LINE
- RAILROAD TRACKS
- FENCE LINE



SOURCE: WSP, 2008

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Figure B-4
Interim Semi-Annual
Groundwater Monitoring Network
NCHGW Superfund Site
Nassau County, NY

0-144/144_New Cassel_FigB-4.dwg 01/03/12

R2-0011991

LEGEND

1,2-DICHLOROBENZENE PLUME BOUND AT 25 ug/L (DASHED WHERE INFERRED)

NOTES

1. MAXIMUM 1,2-DICHLOROBENZENE CONCENTRATIONS DETECTED AT EACH LOCATION ARE PRESENTED.
2. GTEOSI PROFILES, GI PROFILES, AND THE HIGHEST HISTORIC SAMPLING RESULTS FROM GI WELLS WERE CONSIDERED IN PREPARATION OF THIS FIGURE.
3. AERIAL IMAGE FROM NYS GIS CLEARINGHOUSE HIGH RESOLUTION DIGITAL ORTHOIMAGERY (6-INCH RESOLUTION - 2007).
4. SOURCE: MPI, 2011

SCALE IN FEET

0 300 600 1,200

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EP-W-09-031
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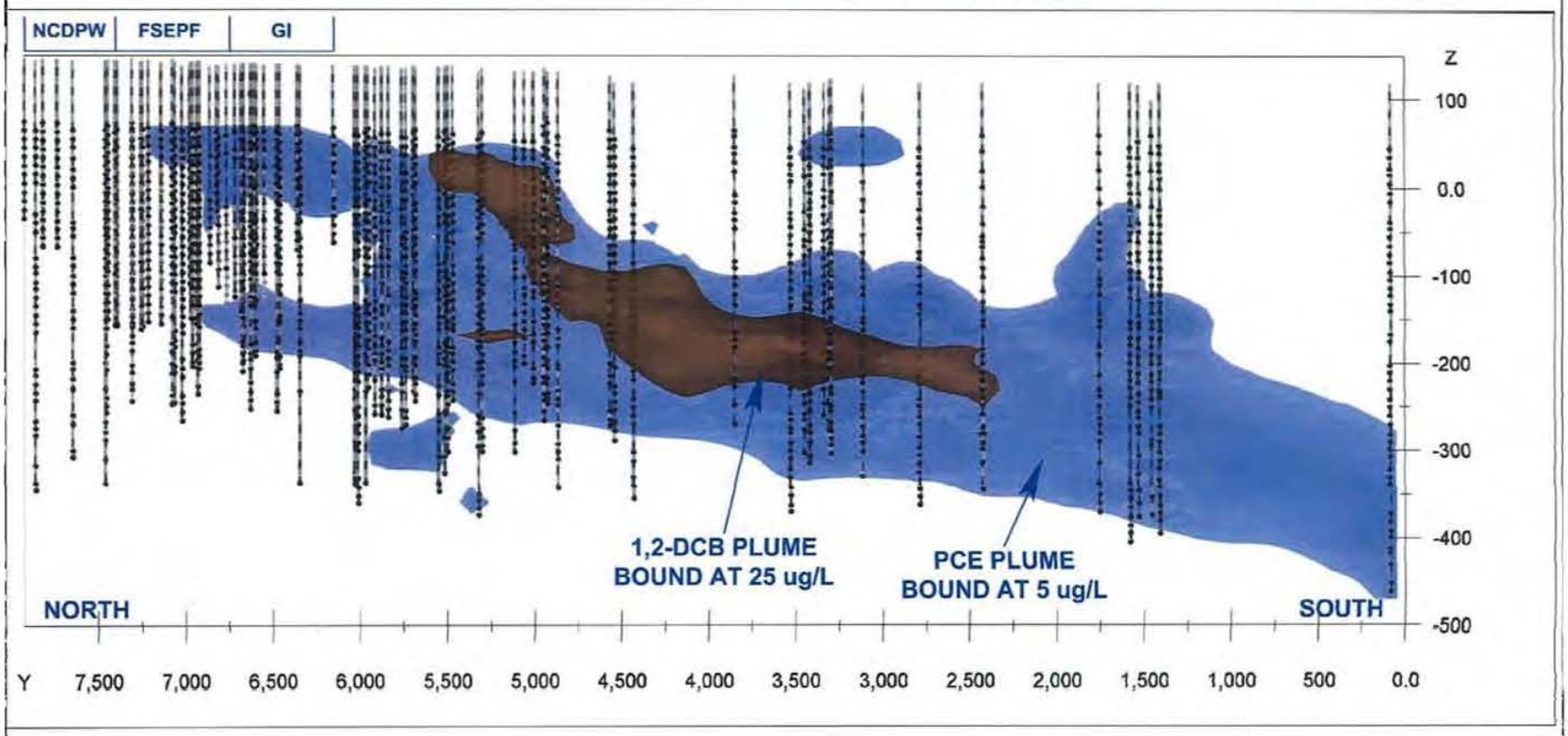
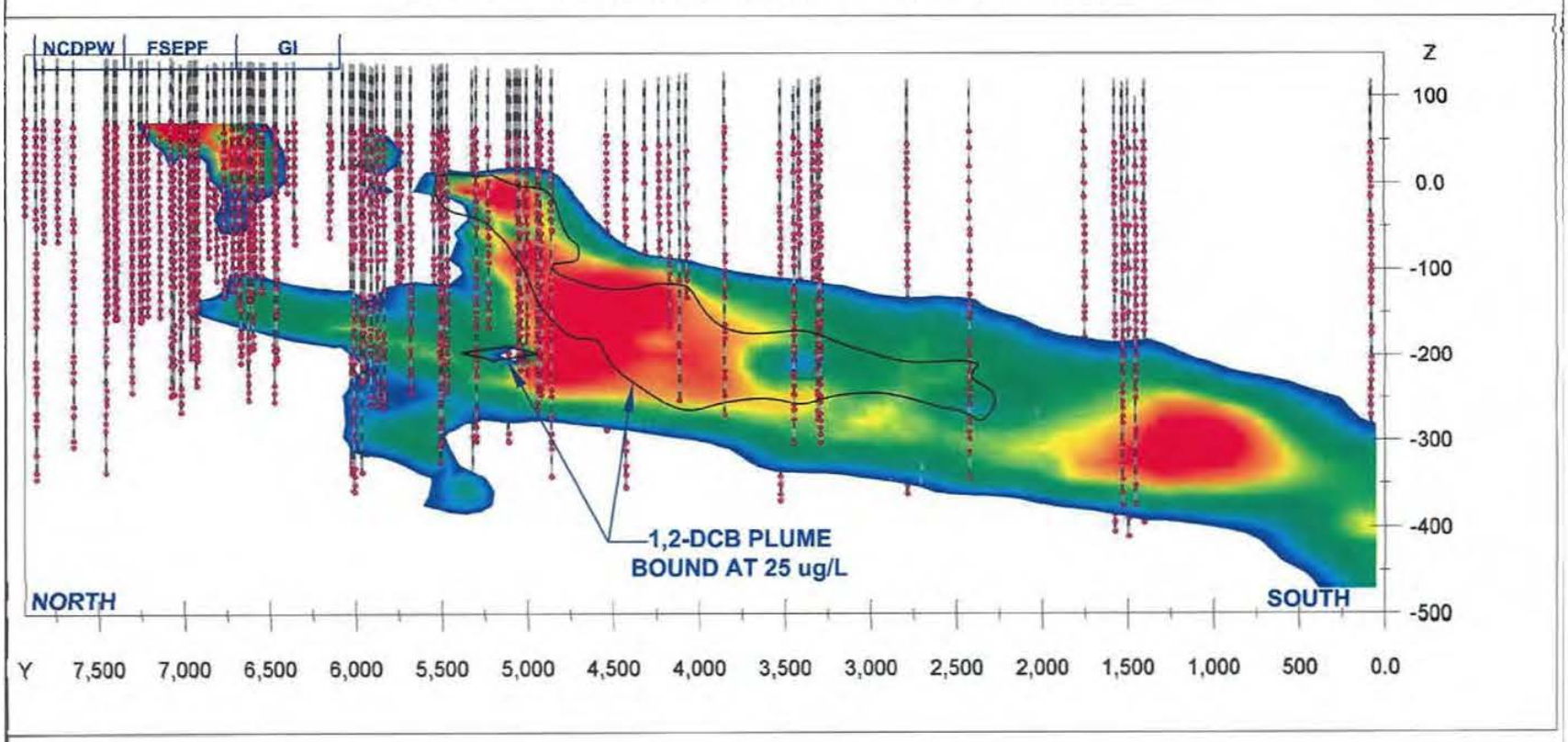
Figure B-5
Distribution of 1,2-Dichlorobenzene
in Groundwater
NCHGW Superfund Site
Nassau County, NY

0-144/144_New Cassel_FigB-5.dwg 01/03/12

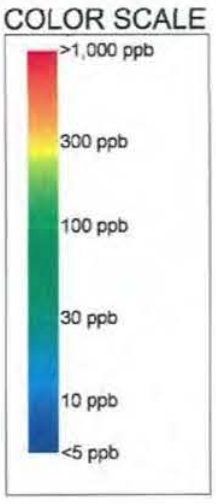
BELOW: SIDE VIEW OF 5 UG/L PLUME SURFACE WITH 25 UG/L 1,2-DCB PLUME OVERLAY.



BELOW: CROSS-SECTION CUT ALONG AXIS OF PCE PLUME.



CROSS-SECTION
COLOR SCALE



CROSS-SECTION LOCATION MAP

NOTES

1. AERIAL IMAGE FROM NYS GIS CLEARINGHOUSE HIGH RESOLUTION DIGITAL ORTHOIMAGERY (6-INCH RESOLUTION - 2007).
2. SOURCE: MPI, 2011

Figure B-6
Side View and Cross-Section Distribution
of Tetrachloroethene
Using Profile Data
NCHGW Superfund Site
Nassau County, NY

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EP-W-09-031
W.A.# 0 **-144**

0-144/144_New Cassel_FigB-6.dwg 01/03/12

APPENDIX C
New Cassel/Hicksville Ground Water Contamination Site
Nassau County, New York
July 2013

TABLE 4-1

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

NEW CASSEL INDUSTRIAL AREA

EXISTING MONITORING WELL SAMPLING

TCL VOLATILE ORGANIC COMPOUNDS

Sample ID	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	EW-1B	EW-2B	EW-1C	EW-2C	Contract Required Detection Limit	NYSDEC TOGS 1.1.1 CLASS GA GROUNDWATER STANDARDS/ GUIDANCE VALUES
Sample Depth, ft	90-110	110-130	130-150	180-200	90-110	110-130	90-110	120-140	310-315	154-164	132-142	506-516	504-514		
Date of Collection	2/25/2008	2/25/2008	2/25/2008	2/25/2008	2/26/2008	2/26/2008	2/26/2008	2/26/2008	2/28/2008	2/27/2008	2/27/2008	2/27/2008	2/27/2008		
Dilution Factor	1/10	1/5	1/25	1/50	1.0	1/80	1.0	1.0	1/2	1/8	1/4	1/2	1.0		
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Dichlorodifluoromethane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Chloromethane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Vinyl Chloride	U	U	U	U	U	0.94	U	U	U	U	11	U	U	0.5	2 ST
Bromomethane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Chloroethane	U	U	U	U	U	9.8	U	U	U	U	U	U	U	0.5	5 ST
Trichlorofluoromethane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
1,1-Dichloroethene	23 D	62 D	180 D	810 D	2.2	840 D	U	0.77	6.9	4.2	2.6	0.34 J	U	0.5	5 ST
1,1,2-Trichloro-1,2,2-trifluoroethane	U	1.3	1.8	18	U	2.3	U	U	U	U	20	0.5	U	0.5	5 ST
Acetone	U	U	U	U	U	U	U	U	U	U	U	U	U	5	50 GV
Carbon Disulfide	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	60 GV
Methyl Acetate	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	--
Methylene Chloride	U	U	0.22 J	2	U	U	U	U	U	U	U	U	U	0.5	5 ST
trans-1,2-Dichloroethene	U	U	U	U	U	210 E	U	U	U	U	U	U	U	0.5	5 ST
Methyl tert-butyl Ether	U	0.38 J	0.24 J	U	U	5.8	0.35 J	0.51	0.32 J	4.1	U	U	U	0.5	10 GV
1,1-Dichloroethane	22 D	28 D	67 D	160 D	1.1	970 D	0.33 J	1.4	2.6	0.79	1.6	0.47 J	U	0.5	5 ST
cis-1,2-Dichloroethene	3.3	6.1	13	31 D	U	5.2	4.5	1	3.6	7.4	6.5	1.1	U	0.5	5 ST
2-Butanone	U	U	U	U	U	U	U	U	U	U	U	U	U	5	50 GV
Bromochloromethane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Chloroform	0.47 J	0.78	1.4	1.6	U	1.2	U	0.25 J	0.55	U	U	0.39 J	U	0.5	7 ST
1,1,1-Trichloroethane	20 D	22 D	60 D	250 D	3.9	1400 D	U	0.41 J	3.8	2.8	1.1	0.25 J	U	0.5	5 ST
Cyclohexane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	--
Carbon Tetrachloride	U	U	U	U	U	U	U	U	U	U	U	0.89	U	0.5	5 ST
Benzene	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	1 ST
1,2-Dichloroethane	U	U	U	4.5	U	U	U	U	U	U	U	U	U	0.5	0.6 ST
Trichloroethene	17	70 D	310 D	910 D	0.32 J	59 D	0.78	1.6	19 D	17	42 D	20 D	0.5 J	0.5	5 ST
Methylcyclohexane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	--
1,2-Dichloropropane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	1 ST
Bromodichloromethane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	50 GV
cis-1,3-Dichloropropene	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	0.4 ST*
4-Methyl-2-Pentanone	U	U	U	U	U	U	U	U	U	U	U	U	U	5	--
Toluene	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
trans-1,3-Dichloropropene	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	0.4 ST*
1,1,2-Trichloroethane	U	U	1	2	U	U	U	U	U	U	U	U	U	0.5	1 ST
Tetrachloroethene	91 D	31 D	37 D	140 D	0.5 J	18	1.7	1.1	4.7	74 D	11	0.96	U	0.5	5 ST
2-Hexanone	U	U	U	U	U	U	U	U	U	U	U	U	U	5	50 GV
Dibromochloromethane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	50 GV
1,2-Dibromoethane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	0.006 ST
Chlorobenzene	U	U	U	U	U	U	U	U	U	U	0.42 J	U	U	0.5	5 ST
Ethylbenzene	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST

TABLE [illegible]cont.)

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

NEW CASSEL INDUSTRIAL AREA

EXISTING MONITORING WELL SAMPLING

TCL VOLATILE ORGANIC COMPOUNDS

Sample ID	MW-1	MW-2	MW-3	MW-4	MW-5	MW-6	MW-7	MW-8	MW-9	EW-1B	EW-2B	EW-1C	EW-2C	Contract Required Detection Limit	NYSDEC TOGS 1.1.1 CLASS GA GROUNDWATER STANDARDS/ GUIDANCE VALUES
Sample Depth, ft	90-110	110-130	130-150	180-200	90-110	110-130	90-110	120-140	310-315	154-164	132-142	506-516	504-514		
Date of Collection	2/25/2008	2/25/2008	2/25/2008	2/25/2008	2/26/2008	2/26/2008	2/26/2008	2/26/2008	2/28/2008	2/27/2008	2/27/2008	2/27/2008	2/27/2008		
Dilution Factor	1/10	1/5	1/25	1/50	1.0	1/80	1.0	1.0	1/2	1/8	1/4	1/2	1.0		
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
m/p-Xylenes	0.55 B*	0.27 BJ*	0.34 BJ*	0.41 BJ*	0.42 J	0.29 BJ*	0.25 J	U	U	U	U	U	U	0.5	5 ST
o-Xylene	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Styrene	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Bromoform	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	50 GV
Isopropylbenzene	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
1,1,2,2-Tetrachloroethane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
1,3-Dichlorobenzene	U	U	U	0.38 J	U	U	U	U	U	U	U	U	U	0.5	3 ST**
1,4-Dichlorobenzene	U	U	U	0.41 J	U	U	U	U	U	U	U	U	U	0.5	3 ST**
1,2-Dichlorobenzene	U	U	U	0.23 J	U	U	U	U	U	U	U	U	U	0.5	3 ST**
1,2-Dibromo-3-Chloropropane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	0.04 ST
1,2,4-Trichlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
1,2,3-Trichlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Total Targeted VOCs	177	222	672	2,331	8	3,523	8	7	41	110	96	25	1		–
Total TICs	0 J	0 J	0 J	0 J	0 J	0 J	0 J	0 J	0	0	0 J	0	0		–
Total VOCs	177	222	672	2,331	8	3,523	8	7	41	110	96	25	1		–

Qualifiers:

U: Compound analyzed for but not detected.

J: Compound detected at a concentration below the Contract Required Detection Limit (CRDL), Value estimated.

B: Compound detected in method blank as well as the sample.

D: Compound analyzed at a secondary dilution as noted in column header.

E: Compound concentration exceeds instrument calibration range, value estimated

*: Result qualified as estimated, possibly biased high based on validation criteria

Notes:

TIC: Tentatively Identified Compound

–: Not established

ST: Standard

ST*: Applies to sum of isomers

ST**: Applies to sum of isomers

GV: Guidance Value

: Result exceeds TOGS 1.1.1 class GA Groundwater Standard or Guidance Value

TABLE

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

NEW CASSEL INDUSTRIAL AREA

EXISTING MONITORING WELL SAMPLING

DESIGN PARAMETERS

Sample ID Sample Depth, ft Date of Collection	MW-1 90-110 2/25/2008	MW-2 110-130 2/25/2008	MW-3 130-150 2/25/2008	MW-4 180-200 2/25/2008	MW-5 90-110 2/26/2008	MW-6 110-130 2/26/2008	MW-7 90-110 2/26/2008	MW-8 120-140 2/26/2008	MW-9 310-315 2/28/2008	EW-1B 154-164 2/27/2008	EW-2B 132-142 2/27/2008	EW-1C 506-516 2/27/2008	EW-2C 504-514 2/27/2008	Contract Required Detection Limit	NYSDEC TOGS 1.1.1 CLASS GA GROUNDWATER STANDARDS/ GUIDANCE VALUES
Chloride, mg/L	53	58	43	51	420	250	25	20	21	28	28	15	13	4.0	250 ST
Nitrogen, Nitrate (as N), mg/L	3.3	3.9 D	3.1	7	3.5	8.2	3.9	5.6	3.1	6.2	2.6	8	4.8 D	0.13	10 ST
Sulfate, mg/L	31	22	20	10	22	32	17	22	14	16	10	U	5.7	5	250 ST
Alkalinity, Total (as $CaCO_3$), mg/L	U	29	U	24	U	U	U	U	U	U	U	21	U	20	–
Ferrous Iron, mg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	1	0.3 ST
Carbon Dioxide, Free, mg/L	130	120	310	100	110	82	90	110	120	72	85	38	24	10	–
Total Organic Carbon, mg/L	U	U	U	U	U	U	U	U	U	U	U	U	U	10	–
Methane, ug/L	U	U	63	U	U	U	U	U	U	U	28	U	U	14	–
Calcium, ug/L	12,200	13,700	8,930	10,700	38,200	37,700	9,240	10,600	6,960	6,570	6,720	10,300	7,870	5,000	–
Magnesium, ug/L	4,060	5,160	3,730	3,960	6,130	11,900	3,380	4,560	2,350	2,640	3,010	4,220	3,240	2,000	35,000 GV
Manganese, ug/L	779	334	40.1 B	28.2 B	201	417	9.1 B	82.8	9.5 B	20.2 B	15 B	125	43.4 B	50	500 ST*
Calculated Total Hardness, mg/L	22	27	19	21	41	64	18	23	12	13	15	21	16	–	–

Qualifiers:

U: Compound analyzed for but not detected.

B: Compound detected at a concentraion above IDL but below the CRDL.

D: Compound analyzed at a secondary dilution.

Notes:

–: Not established

ST: Standard

ST*: Standard applies to the sum of the iron and manganese concentrations.

GV: Guidance Value

: Result exceeds TOGS 1.1.1 class GA Groundwater Standard or Guidance Value

Total hardness calculated by representing sum total of calcium and magnesium as calcium carbonate.

TABLE A-3
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
NEW CASSEL INDUSTRIAL AREA
VERTICAL PROFILE WELLS
TCL VOLATILE ORGANIC COMPOUNDS

Sample ID	TMW-1	TMW-1	TMW-1	TMW-1	TMW-1	TMW-1	TMW-1	TMW-1	TMW-1	TMW-1	TMW-1	TMW-1	Contract Required Detection Limit	NYSDEC TOGS 1.1.1 CLASS GA GROUNDWATER STANDARDS/ GUIDANCE VALUES
Sample Depth, ft	72	85	115	125	145	165	185	205	225	245	265	285		
Date of Collection	8/29/2008	8/29/2008	8/29/2008	8/28/2008	8/28/2008	8/28/2008	8/28/2008	8/27/2008	8/27/2008	8/27/2008	8/26/2008	8/26/2008		
Dilution Factor	2.5	5	10	40	40	40	10	40	40/400	40	1/40	1/40		
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Dichlorodifluoromethane	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Chloromethane	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Vinyl Chloride	U	U	U	U	U	U	U	U	U	U	U	U	0.5	2 ST
Bromomethane	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Chloroethane	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Trichlorofluoromethane	U	U	U	U	U	U	U	U	U	U	2.5	66 D	0.5	5 ST
1,1-Dichloroethene	U	U	U	U	U	U	U	U	44	35	9	35 D	0.5	5 ST
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	U	U	U	U	U	U	41	U	0.55	4.7	0.5	5 ST
Acetone	U	U	U	U	U	U	U	U	U	U	U	U	5	50 GV
Carbon Disulfide	U	U	U	U	U	U	U	U	U	U	U	U	0.5	60 GV
Methyl Acetate	U	U	U	U	U	U	U	U	U	U	U	U	0.5	--
Methylene Chloride	U	U	U	U	U	U	U	U	U	U	U	1.2 B	0.5	5 ST
trans-1,2-Dichloroethene	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Methyl tert-butyl Ether	U	U	U	U	U	U	U	U	U	U	U	U	0.5	10 GV
1,1-Dichloroethane	U	U	U	U	U	U	U	U	U	U	4.2	9.5	0.5	5 ST
cis-1,2-Dichloroethene	U	U	4.6 J	14 J	U	17 J	3.4 J	U	120	100	44 D	85 D	0.5	5 ST
2-Butanone	U	U	U	U	U	U	U	U	U	U	U	U	5	50 GV
Bromochloromethane	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Chloroform	U	U	U	U	U	U	U	U	U	U	3.3	2.3	0.5	7 ST
1,1,1-Trichloroethane	U	U	U	U	U	U	U	U	21	18 J	5	18	0.5	5 ST
Cyclohexane	U	U	U	U	U	U	U	U	U	U	U	U	0.5	--
Carbon Tetrachloride	U	U	U	U	U	U	U	U	U	U	0.38 J	0.42 J	0.5	5 ST
Benzene	U	U	U	U	U	U	U	U	31	U	0.47 J	8.1	0.5	1 ST
1,2-Dichloroethane	U	U	U	U	U	U	U	U	U	U	U	2.1	0.5	0.6 ST
Trichloroethene	1.4	6.7	17	50	42	61	18	95	230	530	61 D	650 D	0.5	5 ST
Methylcyclohexane	U	U	U	U	U	U	U	U	U	U	U	U	0.5	--
1,2-Dichloropropane	U	U	U	U	U	U	U	U	U	U	U	U	0.5	1 ST
Bromodichloromethane	U	U	U	U	U	U	U	U	U	U	U	U	0.5	50 GV
cis-1,3-Dichloropropene	U	U	U	U	U	U	U	U	U	U	U	U	0.5	0.4 ST*
4-Methyl-2-Pentanone	U	U	U	U	U	U	U	U	U	U	U	U	5	--
Toluene	U	U	U	U	U	U	U	U	U	U	4.2	1.6	0.5	5 ST
trans-1,3-Dichloropropene	U	U	U	U	U	U	U	U	U	U	U	U	0.5	0.4 ST*
1,1,2-Trichloroethane	U	U	U	U	U	U	U	U	U	U	U	1	0.5	1 ST
Tetrachloroethene	29	53	110	270	220	230	110	390	3700 D	750	410 D	530 D	0.5	5 ST
2-Hexanone	U	U	U	U	U	U	U	U	U	U	U	U	5	50 GV
Dibromochloromethane	U	U	U	U	U	U	U	U	U	U	U	U	0.5	50 GV
1,2-Dibromoethane	U	U	U	U	U	U	U	U	U	U	U	U	0.5	0.006 ST
Chlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Ethylbenzene	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST

TABLE A-3 (continued)
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
NEW CASSEL INDUSTRIAL AREA
VERTICAL PROFILE WELLS
TCL VOLATILE ORGANIC COMPOUNDS

Sample ID	TMW-1	TMW-1	TMW-1	TMW-1	TMW-1	TMW-1	TMW-1	TMW-1	TMW-1	TMW-1	TMW-1	TMW-1		Contract Required Detection Limit	NYSDEC TOGS 1.1.1 CLASS GA GROUNDWATER STANDARDS/ GUIDANCE VALUES
Sample Depth, ft	72	85	115	125	145	165	185	205	225	245	265	285			
Date of Collection	8/29/2008	8/29/2008	8/29/2008	8/28/2008	8/28/2008	8/28/2008	8/28/2008	8/27/2008	8/27/2008	8/27/2008	8/26/2008	8/26/2008			
Dilution Factor	2.5	5	10	40	40	40	10	40	40/400	40	1/40	1/40			
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L		ug/L	ug/L
m/p-Xylenes	U	U	U	U	U	U	U	U	U	U	U	U		0.5	5 ST
o-Xylene	U	U	U	U	U	U	U	U	U	U	1.3	15		0.5	5 ST
Styrene	U	U	U	U	U	U	U	U	U	U	U	U		0.5	5 ST
Bromoform	U	U	U	U	U	U	U	U	U	U	U	U		0.5	50 GV
Isopropylbenzene	U	U	U	U	U	U	U	U	U	U	U	0.62		0.5	5 ST
1,1,2,2-Tetrachloroethane	U	U	U	U	U	U	U	U	U	U	U	U		0.5	5 ST
1,3-Dichlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U		0.5	3 ST**
1,4-Dichlorobenzene	U	U	U	U	U	U	U	U	U	U	U	0.5	J	0.5	3 ST**
1,2-Dichlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U		0.5	3 ST**
1,2-Dibromo-3-Chloropropane	U	U	U	U	U	U	U	U	U	U	U	U		0.5	0.04 ST
1,2,4-Trichlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U		0.5	5 ST
1,2,3-Trichlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U		0.5	5 ST
Total Targeted VOCs	30	70	132	334	262	308	131	485	4,187	1,433	546	1,431			--
Total TICs	0	0	0	0	0	0	0	0	0	0	1.88	15.4			--
Total VOCs	30	70	132	334	262	308	131	485	4,187	1,433	548	1,446			--

Qualifiers:

U: Compound analyzed for but not detected.

J: Compound detected at a concentration below the Contract Required Detection Limit (CRDL), Value estimated.

B: Compound detected in method blank as well as the sample.

D: Compound analyzed at a secondary dilution as noted in column header.

E: Compound concentration exceeds instrument calibration range, value estimated

*: Result qualified as estimated, possibly biased high based on validation criteria

Notes:

TIC: Tentatively identified Compound

--: Not established

ST: Standard

ST*: Applies to sum of isomers

ST**: Applies to sum of isomers

GV: Guidance Value

: Result exceeds TOGS 1.1.1 class GA Groundwater Standard or Guidance Value

TABLE A-3 (continued)
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
NEW CASSEL INDUSTRIAL AREA
VERTICAL PROFILE WELLS
TCL VOLATILE ORGANIC COMPOUNDS

Sample ID	TMW-2	TMW-2	TMW-2	TMW-2	TMW-2	TMW-2	TMW-2	TMW-2	TMW-2	TMW-2	TMW-2	TMW-2	TMW-2	Contract Required Detection Limit	NYSDEC TOGS 1.1.1 CLASS GA GROUNDWATER STANDARDS/ GUIDANCE VALUES
Sample Depth, ft	85	85	105	125	145	165	185	195	210	225	245	265	285		
Date of Collection	8/21/2008	8/21/2008	8/20/2008	8/20/2008	8/20/2008	8/19/2008	8/19/2008	8/19/2008	8/19/2008	8/18/2008	8/18/2008	8/18/2008	8/18/2008		
Dilution Factor	4	8	40	10	10	40	1/40	1/25	1/40	1/400	1/200	1/160	1/80		
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Dichlorodifluoromethane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Chloromethane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Vinyl Chloride	U	U	U	U	U	U	U	U	U	3.5	1.9	15	2.7	0.5	2 ST
Bromomethane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Chloroethane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Trichlorofluoromethane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
1,1-Dichloroethene	U	U	U	U	5 J	18 J	15	14	7.6	18	36 E	200 D	7.6	0.5	5 ST
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Acetone	U	U	U	U	U	U	U	U	U	U	U	U	U	5	50 GV
Carbon Disulfide	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	60 GV
Methyl Acetate	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	--
Methylene Chloride	U	U	U	U	U	U	U	U	U	0.41 B	0.33 B	1.6 B	0.6 B	0.5	5 ST
trans-1,2-Dichloroethene	U	U	U	U	U	U	0.53	U	0.55	3.9	1.9	3.4	0.91	0.5	5 ST
Methyl tert-butyl Ether	U	U	U	U	U	U	U	U	U	U	0.33 J	U	0.55	0.5	10 GV
1,1-Dichloroethane	U	U	U	U	U	U	3.7	7	6.8	6.6	4.3	13	1.4	0.5	5 ST
cis-1,2-Dichloroethene	4.8	8.9	30	12	16	36	120 D	28 D	39 D	350 D	120 D	310 D	91 D	0.5	5 ST
2-Butanone	U	U	U	U	U	U	U	U	U	U	U	U	U	5	50 GV
Bromochloromethane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Chloroform	U	U	U	U	U	U	2.3	3.1	2.6	11	3.3	19	1.1	0.5	7 ST
1,1,1-Trichloroethane	U	U	U	U	3.4 J	U	7.6	7.8	2.7	6.7	21 E	88 D	3.4	0.5	5 ST
Cyclohexane	U	U	U	U	U	U	2.7	0.78	U	4	3.6	0.88	3.2	0.5	--
Carbon Tetrachloride	U	U	U	U	U	U	U	1.3	1.9	0.35 J	U	U	U	0.5	5 ST
Benzene	1.4 J	2.5 J	U	U	3 J	34	120 D	36 D	0.57	6.1	3.8	7.5	28 DJ	0.5	1 ST
1,2-Dichloroethane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	0.6 ST
Trichloroethene	51	90	230	120	140	310	540 D	200 D	510 D	5100 D	2000 D	2400 D	1400 D	0.5	5 ST
Methylcyclohexane	U	U	U	U	U	U	0.79	0.45 J	U	2.4	2.2	U	1.8	0.5	--
1,2-Dichloropropane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	1 ST
Bromodichloromethane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	50 GV
cis-1,3-Dichloropropene	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	0.4 ST*
4-Methyl-2-Pentanone	U	U	U	U	U	U	U	U	U	U	U	U	U	5	--
Toluene	U	U	U	U	U	U	0.35 J	0.37 J	U	0.37 J	U	0.43 J	0.34 J	0.5	5 ST
trans-1,3-Dichloropropene	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	0.4 ST*
1,1,2-Trichloroethane	U	U	U	U	U	U	0.55	U	0.34 J	1.1	1	0.72	0.37 J	0.5	1 ST
Tetrachloroethene	48	64	130	93	130	250 B	240 D	190 D	490 D	2200 D	1100 D	2700 D	390 D	0.5	5 ST
2-Hexanone	U	U	U	U	U	U	U	U	U	U	U	U	U	5	50 GV
Dibromochloromethane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	50 GV
1,2-Dibromoethane	U	U	U	U	U	U	0.75	U	U	U	U	U	U	0.5	0.006 ST
Chlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Ethylbenzene	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST

TABLE 4-3 (continued)
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
NEW CASSEL INDUSTRIAL AREA
VERTICAL PROFILE WELLS
TCL VOLATILE ORGANIC COMPOUNDS

Sample ID	TMW-2	TMW-2	TMW-2	TMW-2	TMW-2	TMW-2	TMW-2	TMW-2	TMW-2	TMW-2	TMW-2	TMW-2	TMW-2	Contract Required Detection Limit	NYSDEC TOGS 1.1.1 CLASS GA GROUNDWATER STANDARDS/ GUIDANCE VALUES
Sample Depth, ft	65	85	105	125	145	165	185	195	210	225	245	265	285		
Date of Collection	8/21/2008	8/21/2008	8/20/2008	8/20/2008	8/20/2008	8/19/2008	8/19/2008	8/19/2008	8/19/2008	8/18/2008	8/18/2008	8/18/2008	8/18/2008		
Dilution Factor	4	8	40	10	10	40	1/40	1/25	1/40	1/400	1/200	1/160	1/80		
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
m/p-Xylenes	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
o-Xylene	U	U	U	U	U	U	6.5	4.9	0.49 J	35 E	22 E	4.4	11	0.5	5 ST
Styrene	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Bromoform	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	50 GV
Isopropylbenzene	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
1,1,2,2-Tetrachloroethane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
1,3-Dichlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	3 ST**
1,4-Dichlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	3 ST**
1,2-Dichlorobenzene	U	U	U	U	U	U	0.71	U	U	U	U	U	0.37 J	0.5	3 ST**
1,2-Dibromo-3-Chloropropane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	0.04 ST
1,2,4-Trichlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
1,2,3-Trichlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Total Targeted VOCs	105	165	390	225	297	648	1,061	494	1,063	7,749	3,322	5,764	1,944		--
Total TICs	0	0	0	0	0	0	39.79	9.28	0	32.6	21.12	6.69	30.63		--
Total VOCs	105	165	390	225	297	648	1,101	503	1,063	7,782	3,343	5,771	1,975		--

Qualifiers:

U: Compound analyzed for but not detected.

J: Compound detected at a concentration below the Contract Required Detection Limit (CRDL), Value estimated.

B: Compound detected in method blank as well as the sample.

D: Compound analyzed at a secondary dilution as noted in column header.

E: Compound concentration exceeds instrument calibration range, value estimated

*: Result qualified as estimated, possibly biased high based on validation criteria

Notes:

TIC: Tentatively Identified Compound

--: Not established

ST: Standard

ST*: Applies to sum of isomers

ST**: Applies to sum of isomers

GV: Guidance Value

: Result exceeds TOGS 1.1.1 class GA Groundwater Standard or Guidance Value

TABLE A-3 (continued)
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
NEW CASSEL INDUSTRIAL AREA
VERTICAL PROFILE WELLS
TCL VOLATILE ORGANIC COMPOUNDS

Sample ID	TMW-3D	TMW-3D	TMW-3D	TMW-3D	TMW-3D	TMW-3D	TMW-3D	TMW-3D	TMW-3D	TMW-3D	TMW-3D	TMW-3D	TMW-3D	Contract Required Detection Limit	NYSDEC TOGS 1.1.1 CLASS GA GROUNDWATER STANDARDS/. GUIDANCE VALUES
Sample Depth, ft	52	72	92	112	132	152	172	192	212	232	252	272	297		
Date of Collection	10/1/2008	10/1/2008	10/2/2008	10/2/2008	10/3/2008	10/3/2008	10/3/2008	10/6/2008	10/6/2008	10/6/2008	10/7/2008	10/7/2008	10/8/2008		
Dilution Factor	1	1	1	1	1	1	1	1	40	20	40	40	40		
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Dichlorodifluoromethane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Chloromethane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Vinyl Chloride	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	2 ST
Bromomethane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Chloroethane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Trichlorofluoromethane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
1,1-Dichloroethene	U	U	U	0.23 J	U	U	U	2.5	U	16	U	29	21	0.5	5 ST
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	U	U	U	U	0.43 J	U	U	U	U	U	U	0.5	5 ST
Acetone	U	U	U	U	U	U	U	U	U	U	U	U	U	5	50 GV
Carbon Disulfide	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	60 GV
Methyl Acetate	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	--
Methylene Chloride	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
trans-1,2-Dichloroethene	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Methyl tert-butyl Ether	U	U	U	0.53	0.42 J	0.48 J	2	3.1	U	U	U	U	U	0.5	10 GV
1,1-Dichloroethane	U	U	U	0.29 J	U	0.28 J	0.39 J	1.4	U	24	U	14 J	12 J	0.5	5 ST
cis-1,2-Dichloroethene	U	U	U	2.4	U	U	3.1	3.4	39	300	13 J	220	160	0.5	5 ST
2-Butanone	U	U	U	U	U	U	U	U	U	U	U	U	U	5	50 GV
Bromochloromethane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Chloroform	1.2	U	U	U	0.36 J	0.29 J	0.87	0.31 J	U	7.7 J	U	U	8.5 J	0.5	7 ST
1,1,1-Trichloroethane	U	U	U	U	U	U	U	3.3	U	5.3 J	U	10 J	U	0.5	5 ST
Cyclohexane	U	U	U	U	U	U	U	U	U	U	U	10 J	U	0.5	--
Carbon Tetrachloride	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Benzene	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	1 ST
1,2-Dichloroethane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	0.6 ST
Trichloroethene	U	U	U	0.92	U	U	5.2	3.8	32	130	23	220	180	0.5	5 ST
Methylcyclohexane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	--
1,2-Dichloropropane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	1 ST
Bromodichloromethane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	50 GV
cis-1,3-Dichloropropene	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	0.4 ST*
4-Methyl-2-Pentanone	U	U	U	U	U	U	U	U	U	U	U	U	U	5	--
Toluene	U	U	U	U	U	0.23 J	U	0.21 J	U	U	U	U	U	0.5	5 ST
trans-1,3-Dichloropropene	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	0.4 ST*
1,1,2-Trichloroethane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	1 ST
Tetrachloroethene	U	U	U	3.2	U	U	7.1	7.9	19 J	110	13 J	440	360	0.5	5 ST
2-Hexanone	U	U	U	U	U	U	U	U	U	U	U	U	U	5	50 GV
Dibromochloromethane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	50 GV
1,2-Dibromoethane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	0.006 ST
Chlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Ethylbenzene	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST

TABLE A-3 (continued)
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
NEW CASSEL INDUSTRIAL AREA
VERTICAL PROFILE WELLS
TCL VOLATILE ORGANIC COMPOUNDS

Sample ID	TMW-3D	TMW-3D	TMW-3D	TMW-3D	TMW-3D	TMW-3D	TMW-3D	TMW-3D	TMW-3D	TMW-3D	TMW-3D	TMW-3D	TMW-3D	Contract Required Detection Limit	NYSDEC TOGS 1.1.1 CLASS GA GROUNDWATER STANDARDS/ GUIDANCE VALUES
Sample Depth, ft	52	72	92	112	132	152	172	192	212	232	252	272	297		
Date of Collection	10/1/2008	10/1/2008	10/2/2008	10/2/2008	10/3/2008	10/3/2008	10/3/2008	10/6/2008	10/6/2008	10/6/2008	10/7/2008	10/7/2008	10/8/2008		
Dilution Factor	1	1	1	1	1	1	1	1	40	20	40	40	40		
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
m/p-Xylenes	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
o-Xylene	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Styrene	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Bromoform	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	50 GV
Isopropylbenzene	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
1,1,2,2-Tetrachloroethane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
1,3-Dichlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	3 ST**
1,4-Dichlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	3 ST**
1,2-Dichlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	3 ST**
1,2-Dibromo-3-Chloropropane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	0.04 ST
1,2,4-Trichlorobenzene	U	U	U	U	U	U	U	0.31 J	U	U	U	U	U	0.5	5 ST
1,2,3-Trichlorobenzene	U	U	U	U	U	U	0.23 J	0.62	U	U	U	U	U	0.5	5 ST
Total Targeted VOCs	1	0	0	8	1	1	19	27	90	593	49	943	742		--
Total TICs	13.62	0	0	0	5.39	3.8	1	0	0	0	0	0	0		--
Total VOCs	15	0	0	8	6	5	20	27	90	593	49	943	742		--

Qualifiers:

U: Compound analyzed for but not detected.

J: Compound detected at a concentration below the Contract Required Detection Limit (CRDL), Value estimated.

B: Compound detected in method blank as well as the sample.

D: Compound analyzed at a secondary dilution as noted in column header.

E: Compound concentration exceeds instrument calibration range, value estimated

*: Result qualified as estimated, possibly biased high based on validation criteria

Notes:

TIC: Tentatively Identified Compound

--: Not established

ST: Standard

ST*: Applies to sum of isomers

ST**: Applies to sum of Isomers

GV: Guidance Value

: Result exceeds TOGS 1.1.1 class GA Groundwater Standard or Guidance Value

TABLE A-3 (continued)
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
NEW CASSEL INDUSTRIAL AREA
VERTICAL PROFILE WELLS
TCL VOLATILE ORGANIC COMPOUNDS

Sample ID	TMW-3D	TMW-3D	TMW-3D	TMW-3D	TMW-3D	TMW-3D	TMW-3D	TMW-3D	TMW-3D	TMW-3D	TMW-3D			Contract Required Detection Limit	NYSDEC TOGS 1.1.1 CLASS GA GROUNDWATER STANDARDS/ GUIDANCE VALUES
Sample Depth, ft	312	337	357	377	392	412	432	452	472	492	502				
Date of Collection	10/8/2008	10/8/2008	10/9/2008	10/9/2008	10/10/2008	10/10/2008	10/10/2008	10/11/2008	10/11/2008	10/11/2008	10/11/2008				
Dilution Factor	40	40	40/80	40/80	10	8	2	1	1	1	1				
Units	ug/l	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L			ug/L	ug/L
Dichlorodifluoromethane	U	U	U	U	U	U	U	U	U	U	U			0.5	5 ST
Chloromethane	U	U	U	U	U	U	U	U	U	U	U			0.5	5 ST
Vinyl Chloride	U	U	U	U	U	U	U	U	U	U	U			0.5	2 ST
Bromomethane	U	U	U	U	U	U	U	U	U	U	U			0.5	5 ST
Chloroethane	U	U	U	U	U	U	U	U	U	U	U			0.5	5 ST
Trichlorofluoromethane	U	51	14 J	U	20	36	38	U	U	U	U			0.5	5 ST
1,1-Dichloroethene	39	55	300	450	7.8	3 J	0.99 J	U	U	U	U			0.5	5 ST
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	U	U	U	U	U	U	U	U	U			0.5	5 ST
Acetone	U	U	U	U	U	U	U	U	U	U	U			5	50 GV
Carbon Disulfide	U	U	U	U	U	U	U	U	U	U	U			0.5	60 GV
Methyl Acetate	U	U	U	U	U	U	U	U	U	U	U			0.5	--
Methylene Chloride	19 BJ	16 BJ	U	U	U	U	U	U	U	U	U			0.5	5 ST
trans-1,2-Dichloroethene	U	U	U	U	U	U	U	U	U	U	U			0.5	5 ST
Methyl tert-butyl Ether	U	U	U	U	U	U	U	U	U	U	U			0.5	10 GV
1,1-Dichloroethane	24	23	46	46	7.9	4.1	3.2	U	U	U	U			0.5	5 ST
cis-1,2-Dichloroethene	230	380	360	210	50	36	5.6	U	U	U	U			0.5	5 ST
2-Butanone	U	U	U	U	U	U	U	U	U	U	U			5	50 GV
Bromochloromethane	U	U	U	U	U	U	U	U	U	U	U			0.5	5 ST
Chloroform	9.8 J	34	29	14 J	4 J	4.5	0.92 J	U	U	U	U			0.5	7 ST
1,1,1-Trichloroethane	U	11 J	120	200	3.6 J	2 J	0.8 J	U	U	U	U			0.5	5 ST
Cyclohexane	U	U	U	U	U	U	U	U	U	U	U			0.5	--
Carbon Tetrachloride	U	U	U	U	U	U	1.1	U	U	U	U			0.5	5 ST
Benzene	U	U	U	U	U	U	U	U	U	U	U			0.5	1 ST
1,2-Dichloroethane	U	U	U	U	U	U	U	U	U	U	U			0.5	0.6 ST
Trichloroethene	130	620	900 D	930 D	130	110	19	U	U	U	U			0.5	5 ST
Methylcyclohexane	U	U	U	U	U	U	U	U	U	U	U			0.5	--
1,2-Dichloropropane	U	U	U	U	U	U	U	U	U	U	U			0.5	1 ST
Bromodichloromethane	U	U	U	U	U	U	U	U	U	U	U			0.5	50 GV
cis-1,3-Dichloropropene	U	U	U	U	U	U	U	U	U	U	U			0.5	0.4 ST*
4-Methyl-2-Pentanone	U	U	U	U	U	U	U	U	U	U	U			5	--
Toluene	U	U	U	U	U	U	U	U	U	U	U			0.5	5 ST
trans-1,3-Dichloropropene	U	U	U	U	U	U	U	U	U	U	U			0.5	0.4 ST*
1,1,2-Trichloroethane	U	U	U	U	U	U	U	U	U	U	U			0.5	1 ST
Tetrachloroethene	380	360	340	160	22	27	1.3	U	U	U	U			0.5	5 ST
2-Hexanone	U	U	U	U	U	U	U	U	U	U	U			5	50 GV
Dibromochloromethane	U	U	U	U	U	U	U	U	U	U	U			0.5	50 GV
1,2-Dibromoethane	U	U	U	U	U	U	U	U	U	U	U			0.5	0.006 ST
Chlorobenzene	U	U	U	U	U	U	U	U	U	U	U			0.5	5 ST
Ethylbenzene	U	U	U	U	U	U	U	U	U	U	U			0.5	5 ST

TABLE A-3 (continued)
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
NEW CASSEL INDUSTRIAL AREA
VERTICAL PROFILE WELLS
TCL VOLATILE ORGANIC COMPOUNDS

Sample ID	TMW-3D	TMW-3D	TMW-3D	TMW-3D	TMW-3D	TMW-3D	TMW-3D	TMW-3D	TMW-3D	TMW-3D	TMW-3D			Contract Required Detection Limit	NYSDEC TOGS 1.1.1 CLASS GA GROUNDWATER STANDARDS/ GUIDANCE VALUES
Sample Depth, ft	312	337	357	377	392	412	432	452	472	492	502				
Date of Collection	10/8/2008	10/8/2008	10/9/2008	10/9/2008	10/10/2008	10/10/2008	10/10/2008	10/11/2008	10/11/2008	10/11/2008	10/11/2008				
Dilution Factor	40	40	40/80	40/80	10	8	2	1	1	1	1				
Units	ug/l	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L			ug/L	ug/L
m/p-Xylenes	U	U	U	U	U	U	U	U	U	U	U			0.5	5 ST
o-Xylene	U	U	U	U	U	U	U	U	U	U	U			0.5	5 ST
Styrene	U	U	U	U	U	U	U	U	U	U	U			0.5	5 ST
Bromoform	U	U	U	U	U	U	U	U	U	U	U			0.5	50 GV
Isopropylbenzene	U	U	U	U	U	U	U	U	U	U	U			0.5	5 ST
1,1,2,2-Tetrachloroethane	U	U	U	U	U	U	U	U	U	U	U			0.5	5 ST
1,3-Dichlorobenzene	U	U	U	U	U	U	U	U	U	U	U			0.5	3 ST**
1,4-Dichlorobenzene	U	U	U	U	U	U	U	U	U	U	U			0.5	3 ST**
1,2-Dichlorobenzene	U	U	U	U	U	U	U	U	U	U	U			0.5	3 ST**
1,2-Dibromo-3-Chloropropane	U	U	U	U	U	U	U	U	U	U	U			0.5	0.04 ST
1,2,4-Trichlorobenzene	U	U	U	U	U	U	U	U	U	U	U			0.5	5 ST
1,2,3-Trichlorobenzene	U	U	U	U	U	U	U	U	U	U	U			0.5	5 ST
Total Targeted VOCs	832	1,550	2,109	2,010	245	223	71	0	0	0	0				--
Total TICs	0	0	0	0	0	0	6.1	0	0	0	0				--
Total VOCs	832	1,550	2,109	2,010	245	223	77	0	0	0	0				--

Qualifiers:

U: Compound analyzed for but not detected.

J: Compound detected at a concentration below the Contract Required Detection Limit (CRDL), Value estimated.

B: Compound detected in method blank as well as the sample.

D: Compound analyzed at a secondary dilution as noted in column header.

E: Compound concentration exceeds instrument calibration range, value estimated

*: Result qualified as estimated, possibly biased high based on validation criteria

Notes:

TIC: Tentatively Identified Compound

--: Not established

ST: Standard

ST*: Applies to sum of isomers

ST**: Applies to sum of isomers

GV: Guidance Value

: Result exceeds TOGS 1.1.1 class GA Groundwater Standard or Guidance Value

TABLE A-3 (continued)
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
NEW CASSEL INDUSTRIAL AREA
VERTICAL PROFILE WELLS
TCL VOLATILE ORGANIC COMPOUNDS

Sample ID	TMW-4	TMW-4	TMW-4	TMW-4	TMW-4	TMW-4	TMW-4	TMW-4	TMW-4	TMW-4	TMW-4	TMW-4		Contract Required Detection Limit	NYSDEC TOGS 1.1.1 CLASS GA GROUNDWATER STANDARDS/ GUIDANCE VALUES
Sample Depth, ft	65	85	105	125	145	165	185	205	225	245	265	285			
Date of Collection	8/4/2008	8/4/2008	8/4/2008	8/4/2008	8/1/2008	8/1/2008	8/1/2008	8/1/2008	8/1/2008	7/31/2008	7/31/2008	7/31/2008			
Dilution Factor	1	1	1	5	1/4	1/4	1	1/4	1	1/4	1/5	1/4			
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L		ug/L	ug/L
Dichlorodifluoromethane	U	U	U	U	U	U	U	U	U	U	U	U		0.5	5 ST
Chloromethane	U	U	U	U	U	U	U	U	U	U	U	U		0.5	5 ST
Vinyl Chloride	U	U	U	U	U	U	U	U	U	U	U	U		0.5	2 ST
Bromomethane	U	U	U	U	U	U	U	U	U	U	U	U		0.5	5 ST
Chloroethane	U	U	U	U	U	U	U	U	U	U	U	U		0.5	5 ST
Trichlorofluoromethane	U	U	U	U	U	U	U	U	U	U	U	U		0.5	5 ST
1,1-Dichloroethene	0.36 J	U	0.3 J	2.9	1.8	7.1	2.1	11	U	4.9	8.1	2.6		0.5	5 ST
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	U	U	U	U	U	U	U	U	U	U		0.5	5 ST
Acetone	U	U	U	U	U	U	U	U	U	U	U	U		5	50 GV
Carbon Disulfide	U	U	U	U	U	U	U	U	U	0.36 J	U	U		0.5	60 GV
Methyl Acetate	U	U	U	U	U	U	U	U	U	U	U	U		0.5	--
Methylene Chloride	U	U	U	U	U	U	U	U	U	U	U	U		0.5	5 ST
trans-1,2-Dichloroethene	U	U	U	U	U	U	U	U	U	U	U	U		0.5	5 ST
Methyl tert-butyl Ether	U	U	U	U	U	U	0.3 J	0.68	0.63	1.1	0.68	0.59		0.5	10 GV
1,1-Dichloroethane	U	U	U	3.8 U	2.6	13	0.38 J	1.9	U	0.84	1.2	0.53		0.5	5 ST
cis-1,2-Dichloroethene	U	U	U	U	0.85	1.7	0.55	3.7	U	1.7	2.6	1.4		0.5	5 ST
2-Butanone	U	U	U	U	U	U	U	U	U	U	U	U		5	50 GV
Bromochloromethane	U	U	U	U	U	U	U	U	U	U	U	U		0.5	5 ST
Chloroform	1.3	0.41 J	U	U	0.81	0.81	1	4.6	1	1.3	2.3	2.5		0.5	7 ST
1,1,1-Trichloroethane	U	U	U	U	0.6	2	0.58	1.7	U	0.87	1.8	0.76		0.5	5 ST
Cyclohexane	U	U	U	U	U	U	U	U	U	U	U	U		0.5	--
Carbon Tetrachloride	U	U	U	U	U	U	U	U	U	U	U	U		0.5	5 ST
Benzene	U	U	U	U	U	U	U	U	U	U	U	U		0.5	1 ST
1,2-Dichloroethane	U	U	U	U	U	U	U	U	U	U	U	U		0.5	0.6 ST
Trichloroethene	1.1	0.63	0.94	17	8.9	16	11	56 D	1.2	38 D	65 D	29 D		0.5	5 ST
Methylcyclohexane	U	U	U	U	U	U	U	U	U	U	U	U		0.5	--
1,2-Dichloropropane	U	U	U	U	U	U	U	U	U	U	U	U		0.5	1 ST
Bromodichloromethane	U	U	U	U	U	U	U	U	U	U	U	U		0.5	50 GV
cis-1,3-Dichloropropene	U	U	U	U	U	U	U	U	U	U	U	U		0.5	0.4 ST*
4-Methyl-2-Pentanone	U	U	U	U	U	U	U	U	U	U	U	U		5	--
Toluene	0.57	U	U	U	0.69	0.54	U	0.56	U	3	1.9	2.8		0.5	5 ST
trans-1,3-Dichloropropene	U	U	U	U	U	U	U	U	U	U	U	U		0.5	0.4 ST*
1,1,2-Trichloroethane	U	U	U	U	U	U	U	U	U	U	U	U		0.5	1 ST
Tetrachloroethene	3.3	9.1	4.6	57	47 D	40 D	1.8	11	0.46 J	5.8	9.4	8.1		0.5	5 ST
2-Hexanone	U	U	U	U	U	U	U	U	U	U	U	U		5	50 GV
Dibromochloromethane	U	U	U	U	U	U	U	U	U	U	U	U		0.5	50 GV
1,2-Dibromoethane	U	U	U	U	U	U	U	U	U	U	U	U		0.5	0.006 ST
Chlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U		0.5	5 ST
Ethylbenzene	U	U	U	U	U	U	U	U	U	U	U	U		0.5	5 ST

TABLE A-3 (continued)
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
NEW CASSEL INDUSTRIAL AREA
VERTICAL PROFILE WELLS
TCL VOLATILE ORGANIC COMPOUNDS

Sample ID	TMW-4	TMW-4	TMW-4	TMW-4	TMW-4	TMW-4	TMW-4	TMW-4	TMW-4	TMW-4	TMW-4	TMW-4		Contract Required Detection Limit	NYSDEC TOGS 1.1.1 CLASS GA GROUNDWATER STANDARDS/ GUIDANCE VALUES
Sample Depth, ft	65	85	105	125	145	165	185	205	225	245	265	285			
Date of Collection	8/4/2008	8/4/2008	8/4/2008	8/4/2008	8/1/2008	8/1/2008	8/1/2008	8/1/2008	8/1/2008	7/31/2008	7/31/2008	7/31/2008			
Dilution Factor	1	1	1	5	1/4	1/4	1	1/4	1	1/4	1/5	1/4			
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L		ug/L	ug/L
m/p-Xylenes	U	U	U	U	U	U	U	U	U	U	U	U		0.5	5 ST
o-Xylene	U	U	U	U	U	U	U	U	U	U	U	U		0.5	5 ST
Styrene	U	U	U	U	U	U	U	U	U	U	U	U		0.5	5 ST
Bromoform	U	U	U	U	U	U	U	U	U	U	U	U		0.5	50 GV
Isopropylbenzene	U	U	U	U	U	U	U	U	U	U	U	U		0.5	5 ST
1,1,2,2-Tetrachloroethane	U	U	U	U	U	U	U	U	U	U	U	U		0.5	5 ST
1,3-Dichlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U		0.5	3 ST**
1,4-Dichlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U		0.5	3 ST**
1,2-Dichlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U		0.5	3 ST**
1,2-Dibromo-3-Chloropropane	U	U	U	U	U	U	U	U	U	U	U	U		0.5	0.04 ST
1,2,4-Trichlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U		0.5	5 ST
1,2,3-Trichlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U		0.5	5 ST
Total Targeted VOCs	7	10	6	81	63	81	18	91	3	58	93	48			--
Total TICs	0	0	0	0	0	0	0	0	0	0	0	0			--
Total VOCs	7	10	6	81	63	81	18	91	3	58	93	48			--

Qualifiers:

U: Compound analyzed for but not detected.

J: Compound detected at a concentration below the Contract Required Detection Limit (CRDL), Value estimated.

B: Compound detected in method blank as well as the sample.

D: Compound analyzed at a secondary dilution as noted in column header.

E: Compound concentration exceeds instrument calibration range, value estimated

*: Result qualified as estimated, possibly biased high based on validation criteria

Notes:

TIC: Tentatively Identified Compound

--: Not established

ST: Standard

ST*: Applies to sum of isomers

ST**: Applies to sum of isomers

GV: Guidance Value

: Result exceeds TOGS 1.1.1 class GA Groundwater Standard or Guidance Value

TABLE A-3 (continued)
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
NEW CASSEL INDUSTRIAL AREA
VERTICAL PROFILE WELLS
TCL VOLATILE ORGANIC COMPOUNDS

Sample ID	TMW-5	TMW-5	TMW-5	TMW-5	TMW-5	TMW-5	TMW-5	TMW-5	TMW-5	TMW-5	TMW-5	TMW-5	Contract Required Detection Limit	NYSDEC TOGS 1.1.1 CLASS GA GROUNDWATER STANDARDS/ GUIDANCE VALUES
Sample Depth, ft	65	85	105	125	145	165	185	205	225	245	265	285		
Date of Collection	8/13/2008	8/13/2008	8/12/2008	8/12/2008	8/12/2008	8/12/2008	8/12/2008	8/11/2008	8/11/2008	8/11/2008	8/8/2008	8/8/2008		
Dilution Factor	8	8	1/80	1/80	1/160	1/50	1/50	1/50	1/40	1/50	1/20	1/20		
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Dichlorodifluoromethane	U	U	U	U	U	U	0.37 J	U	U	U	U	U	0.5	5 ST
Chloromethane	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Vinyl Chloride	U	U	4.5	7.5	8.4	59 D	71 D	81 D	53 D	1.7	3.2	U	0.5	2 ST
Bromomethane	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Chloroethane	U	U	12	14	14	5.3	U	U	U	U	U	U	0.5	5 ST
Trichlorofluoromethane	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
1,1-Dichloroethene	84	100	1200 DB	1300 DB	1300 DB	1000 DB	690 DB	220 D	150 D	31 D	26 D	18	0.5	5 ST
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	5.3	8.8	18	31 D	40 D	59 D	47 D	7.9	5.9	0.79	0.5	5 ST
Acetone	U	U	U	U	U	U	U	U	U	U	U	U	5	50 GV
Carbon Disulfide	U	U	U	U	U	U	U	U	U	U	0.32 J	U	0.5	60 GV
Methyl Acetate	U	U	U	U	U	U	U	U	U	U	U	U	0.5	--
Methylene Chloride	U	U	2.5 B	5.2 B	8.6 B	5.6 B	4.2 B	2.5 B	2.6 B	U	U	U	0.5	5 ST
trans-1,2-Dichloroethene	U	U	U	U	U	2.1	2.2	1.6	1.4	0.52	0.35 J	0.35 J	0.5	5 ST
Methyl tert-butyl Ether	U	3.5 J	1.9	1.3	1.8	0.35 J	U	U	U	U	U	U	0.5	10 GV
1,1-Dichloroethane	110	120	1000 D	1600 D	1800 D	770 D	280 D	96 D	79 D	7.7	11	9.6	0.5	5 ST
cis-1,2-Dichloroethene	2.9 J	4.5	18	26 DJ	32 E	120 D	130 D	150 D	130 D	60 D	40 D	37 D	0.5	5 ST
2-Butanone	U	U	U	U	U	U	U	U	U	U	U	U	5	50 GV
Bromochloromethane	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Chloroform	U	U	1.5	1.8	1.9	6.6	8	4	3.8	2.7	2.9	1.6	0.5	7 ST
1,1,1-Trichloroethane	73	91	1400 D	1400 D	1100 D	440 D	170 D	59 D	43 D	5.5	6.9	5.4	0.5	5 ST
Cyclohexane	U	U	U	U	U	U	U	U	0.3 J	U	U	U	0.5	--
Carbon Tetrachloride	U	U	U	U	U	1.6	1.3	0.79	0.82	0.53	0.43 J	U	0.5	5 ST
Benzene	U	U	U	0.41 J	0.3 J	0.56	0.66	3.5	4.5	U	0.4 J	U	0.5	1 ST
1,2-Dichloroethane	U	U	U	5	5.5	4.8	4.4	3.5	3.9	9.5	8.8	U	0.5	0.6 ST
Trichloroethene	22	38	160 D	200 D	190 D	870 D	990 D	810 D	660 D	590 D	190 D	180 D	0.5	5 ST
Methylcyclohexane	U	U	U	U	U	U	U	U	U	U	U	U	0.5	--
1,2-Dichloropropane	U	U	U	U	U	U	U	U	U	U	U	U	0.5	1 ST
Bromodichloromethane	U	U	U	U	U	U	U	U	U	U	U	U	0.5	50 GV
cis-1,3-Dichloropropene	U	U	U	U	U	U	U	U	U	U	U	U	0.5	0.4 ST*
4-Methyl-2-Pentanone	U	U	U	U	U	U	U	U	U	U	U	U	5	--
Toluene	U	U	U	0.36 J	U	0.33 J	0.35 J	U	U	U	2.6	1.1	0.5	5 ST
trans-1,3-Dichloropropene	U	U	U	U	U	U	U	U	U	U	U	U	0.5	0.4 ST*
1,1,2-Trichloroethane	U	U	0.38 J	U	0.85	2.5	2.6	1.6	1.3	0.4 J	U	U	0.5	1 ST
Tetrachloroethene	12	17	66 D	98 D	150 D	330 D	310 D	320 D	280 D	140 D	67 D	38 D	0.5	5 ST
2-Hexanone	U	U	U	U	U	U	U	U	U	U	U	U	5	50 GV
Dibromochloromethane	U	U	U	U	U	U	U	U	U	U	U	U	0.5	50 GV
1,2-Dibromoethane	U	U	U	U	U	U	U	U	U	U	U	U	0.5	0.006 ST
Chlorobenzene	U	U	U	U	0.49 J	1	1.2	1.8	1.3	U	U	U	0.5	5 ST
Ethylbenzene	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST

TABLE A-3 (continued)
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
NEW CASSEL INDUSTRIAL AREA
VERTICAL PROFILE WELLS
TCL VOLATILE ORGANIC COMPOUNDS

Sample ID	TMW-5	TMW-5	TMW-5	TMW-5	TMW-5	TMW-5	TMW-5	TMW-5	TMW-5	TMW-5	TMW-5	TMW-5		Contract Required Detection Limit	NYSDEC TOGS 1.1.1 CLASS GA GROUNDWATER STANDARDS/ GUIDANCE VALUES
Sample Depth, ft	65	85	105	125	145	165	185	205	225	245	265	285			
Date of Collection	8/13/2008	8/13/2008	8/12/2008	8/12/2008	8/12/2008	8/12/2008	8/12/2008	8/11/2008	8/11/2008	8/11/2008	8/8/2008	8/8/2008			
Dilution Factor	8	8	1/80	1/80	1/160	1/50	1/50	1/50	1/40	1/50	1/20	1/20			
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L		ug/L	ug/L
m/p-Xylenes	U	U	U	U	U	U	U	U	U	U	U	U		0.5	5 ST
o-Xylene	U	U	U	U	U	U	U	U	U	U	U	U		0.5	5 ST
Styrene	U	U	U	U	U	U	U	U	U	U	U	U		0.5	5 ST
Bromoform	U	U	U	U	U	U	U	U	U	U	U	U		0.5	50 GV
Isopropylbenzene	U	U	U	U	U	U	U	U	U	U	U	U		0.5	5 ST
1,1,2,2-Tetrachloroethane	U	U	U	U	U	U	U	U	U	U	U	U		0.5	5 ST
1,3-Dichlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U		0.5	3 ST**
1,4-Dichlorobenzene	U	U	U	U	U	U	U	0.35 J	0.3 J	U	U	U		0.5	3 ST**
1,2-Dichlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U		0.5	3 ST**
1,2-Dibromo-3-Chloropropane	U	U	U	U	U	U	U	U	U	U	U	U		0.5	0.04 ST
1,2,4-Trichlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U		0.5	5 ST
1,2,3-Trichlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U		0.5	5 ST
Total Targeted VOCs	304	374	3,872	4,668	4,632	3,651	2,706	1,815	1,461	857	366	292			--
Total TICs	0	0	3.61	3.4	5.5	4.51	7.92	5.5	5.48	5.9	3	1.7			--
Total VOCs	304	374	3,876	4,672	4,637	3,655	2,714	1,820	1,466	863	369	294			--

Qualifiers:

U: Compound analyzed for but not detected.

J: Compound detected at a concentration below the Contract Required Detection Limit (CRDL), Value estimated.

B: Compound detected in method blank as well as the sample.

D: Compound analyzed at a secondary dilution as noted in column header.

E: Compound concentration exceeds instrument calibration range, value estimated

*: Result qualified as estimated, possibly biased high based on validation criteria

Notes:

TIC: Tentatively Identified Compound

--: Not established

ST: Standard

ST*: Applies to sum of isomers

ST**: Applies to sum of isomers

GV: Guidance Value

: Result exceeds TOGS 1.1.1 class GA Groundwater Standard or Guidance Value

TABLE A-3 (continued)

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

NEW CASSEL INDUSTRIAL AREA

VERTICAL PROFILE WELLS

TCL VOLATILE ORGANIC COMPOUNDS

Sample ID	TMW-6	TMW-6	TMW-6	TMW-6	TMW-6	TMW-6	TMW-6	TMW-6	TMW-6	TMW-6	TMW-6	TMW-6	Contract Required Detection Limit	NYSDEC TOGS 1.1.1 CLASS GA GROUNDWATER STANDARDS/ GUIDANCE VALUES
Sample Depth, ft	63	83	103	123	143	163	183	203	223	243	263	283		
Date of Collection	6/25/2008	6/24/2008	6/24/2008	6/24/2008	6/24/2008	6/24/2008	6/23/2008	6/23/2008	6/23/2008	6/23/2008	6/20/2008	6/20/2008		
Dilution Factor	1.0	1.0	1.0	1/8	1.0	1.0	1.0	1/2.5	1/5	1/2.5	1.0	1.0		
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Dichlorodifluoromethane	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Chloromethane	3.7	4.3	2.4	U	U	U	U	U	U	U	U	U	0.5	5 ST
Vinyl Chloride	U	U	U	U	U	U	U	U	U	U	U	U	0.5	2 ST
Bromomethane	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Chloroethane	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Trichlorofluoromethane	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
1,1-Dichloroethene	1.7	2.7	3.4	11	5.2	2.1	4.3	12	44 D	30 D	18	7.3	0.5	5 ST
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	0.6	3.1	U	0.56	0.26 J	U	U	U	U	U	0.5	5 ST
Acetone	U	U	U	U	U	U	U	U	U	U	U	U	5	50 GV
Carbon Disulfide	U	U	U	U	U	U	U	U	U	U	U	U	0.5	60 GV
Methyl Acetate	U	U	U	U	U	U	U	U	U	U	U	U	0.5	--
Methylene Chloride	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
trans-1,2-Dichloroethene	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Methyl tert-butyl Ether	U	U	0.36 J	0.3 J	U	U	U	U	U	U	U	U	0.5	10 GV
1,1-Dichloroethane	1.3	1.9	1.3	0.86	1.5	1.3	3.6	9.9	20	33 D	12	11	0.5	5 ST
cis-1,2-Dichloroethene	1.1	1.3	1.8	9.8	1.6	0.91	7.5	18	0.81	0.84	0.95	0.68	0.5	5 ST
2-Butanone	U	U	U	U	U	U	U	U	U	U	U	U	5	50 GV
Bromochloromethane	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Chloroform	0.23 J	0.33 J	0.47 J	U	U	0.23 J	U	0.45 J	0.4 J	0.33 J	0.22 J	0.21 J	0.5	7 ST
1,1,1-Trichloroethane	0.94	2.2	2.3	7.9	4	1.8	3	6.1	16	17	9.9	4.8	0.5	5 ST
Cyclohexane	U	U	U	U	U	U	U	U	U	U	U	U	0.5	--
Carbon Tetrachloride	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Benzene	0.55	0.51	0.21 J	U	U	U	U	U	U	U	U	U	0.5	1 ST
1,2-Dichloroethane	U	U	U	U	U	U	U	2.4	U	U	U	U	0.5	0.6 ST
Trichloroethene	5	8.4	11	63 D	8.9	6.2	12	16	2.7	5.8	2.4	1.2	0.5	5 ST
Methylcyclohexane	U	U	U	U	U	U	U	U	U	U	U	U	0.5	--
1,2-Dichloropropane	U	U	U	U	U	U	U	U	U	U	U	U	0.5	1 ST
Bromodichloromethane	U	U	0.24 J	U	U	U	U	U	U	U	U	U	0.5	50 GV
cis-1,3-Dichloropropene	U	U	U	U	U	U	U	U	U	U	U	U	0.5	0.4 ST*
4-Methyl-2-Pentanone	U	U	U	U	U	U	U	U	U	U	U	U	5	--
Toluene	1.5	0.79	0.28 J	U	0.4 J	U	U	U	U	U	U	U	0.5	5 ST
trans-1,3-Dichloropropene	U	U	U	U	U	U	U	U	U	U	U	U	0.5	0.4 ST*
1,1,2-Trichloroethane	U	U	U	U	U	U	U	U	0.37 J	0.35 J	U	U	0.5	1 ST
Tetrachloroethene	2.9	4.6	5.5	14	8.6	3.5	6.6	22 D	48 D	5.9	16	6.4	0.5	5 ST
2-Hexanone	U	U	U	U	U	U	U	U	U	U	U	U	5	50 GV
Dibromochloromethane	U	U	U	U	U	U	U	U	U	U	U	U	0.5	50 GV
1,2-Dibromoethane	U	U	U	U	U	U	U	U	U	U	U	U	0.5	0.006 ST
Chlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Ethylbenzene	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST

TABLE A-3 (continued)

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

NEW CASSEL INDUSTRIAL AREA

VERTICAL PROFILE WELLS

TCL VOLATILE ORGANIC COMPOUNDS

Sample ID	TMW-6	TMW-6	TMW-6	TMW-6	TMW-6	TMW-6	TMW-6	TMW-6	TMW-6	TMW-6	TMW-6	TMW-6		Contract Required Detection Limit	NYSDEC TOGS 1.1.1 CLASS GA GROUNDWATER STANDARDS/ GUIDANCE VALUES
Sample Depth, ft	63	83	103	123	143	163	183	203	223	243	263	283			
Date of Collection	6/25/2008	6/24/2008	6/24/2008	6/24/2008	6/24/2008	6/24/2008	6/23/2008	6/23/2008	6/23/2008	6/23/2008	6/20/2008	6/20/2008			
Dilution Factor	1.0	1.0	1.0	1/8	1.0	1.0	1.0	1/2.5	1/5	1/2.5	1.0	1.0			
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L		ug/L	ug/L
m/p-Xylenes	U	U	U	U	U	U	U	U	U	U	U	U		0.5	5 ST
o-Xylene	U	U	U	U	U	U	U	U	U	U	U	U		0.5	5 ST
Styrene	U	U	U	U	U	U	U	U	U	U	U	U		0.5	5 ST
Bromoform	U	U	U	U	U	U	U	U	U	U	U	U		0.5	50 GV
Isopropylbenzene	U	U	U	U	U	U	U	U	U	U	U	U		0.5	5 ST
1,1,2,2-Tetrachloroethane	U	U	U	U	U	U	U	U	U	U	U	U		0.5	5 ST
1,3-Dichlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U		0.5	3 ST**
1,4-Dichlorobenzene	U	U	U	U	U	U	U	U	U	U	U	0.29 J		0.5	3 ST**
1,2-Dichlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U		0.5	3 ST**
1,2-Dibromo-3-Chloropropane	U	U	U	U	U	U	U	U	U	U	U	U		0.5	0.04 ST
1,2,4-Trichlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U		0.5	5 ST
1,2,3-Trichlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U		0.5	5 ST
Total Targeted VOCs	19	27	30	110	30	17	37	87	132	93	59	32			--
Total TICs	5.72 J	8.2 J	5.6 J	0 J	0 J	3.3 J	0 J	1 J	0 J	0 J	0 J	0 J			--
Total VOCs	25	35	35	110	30	20	37	88	132	93	59	32			--

Qualifiers:

U: Compound analyzed for but not detected.

J: Compound detected at a concentration below the Contract Required Detection Limit (CRDL), Value estimated.

B: Compound detected in method blank as well as the sample.

D: Compound analyzed at a secondary dilution as noted in column header.

E: Compound concentration exceeds instrument calibration range, value estimated

*: Result qualified as estimated, possibly biased high based on validation criteria

Notes:

TIC: Tentatively Identified Compound

--: Not established

ST: Standard

ST*: Applies to sum of isomers

ST**: Applies to sum of isomers

GV: Guidance Value

: Result exceeds TOGS 1.1.1 class GA Groundwater Standard or Guidance Value

TABLE A-3 (continued)
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
NEW CASSEL INDUSTRIAL AREA
VERTICAL PROFILE WELLS
TCL VOLATILE ORGANIC COMPOUNDS

Sample ID	TMW-7	TMW-7	TMW-7	TMW-7	TMW-7	TMW-7	TMW-7	TMW-7	TMW-7	TMW-7	TMW-7	TMW-7	Contract Required Detection Limit	NYSDEC TOGS 1.1.1 CLASS GA GROUNDWATER STANDARDS/ GUIDANCE VALUES
Sample Depth, ft	65	85	105	125	145	165	185	205	225	245	265	285		
Date of Collection	7/7/2008	7/7/2008	7/7/2008	7/7/2008	7/7/2008	7/2/2008	7/2/2008	7/2/2008	7/1/2008	7/1/2008	7/1/2008	6/30/2008		
Dilution Factor	50.0	50.0	50/100	50/100	50/100	1/50	1/1000	1/500	1/10	1/10	1/2.5	1/2.5		
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Dichlorodifluoromethane	U	U	U	U	U	4.8	U	U	U	U	U	U	0.5	5 ST
Chloromethane	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Vinyl Chloride	U	U	U	U	U	U	1.9	1.8	U	U	U	U	0.5	2 ST
Bromomethane	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Chloroethane	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Trichlorofluoromethane	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
1,1-Dichloroethene	U	U	U	U	U	0.3 J	2.4	3	2.7	3.4	0.88	1.1	0.5	5 ST
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Acetone	U	U	U	U	U	U	U	U	U	U	U	U	5	50 GV
Carbon Disulfide	U	U	U	U	U	U	U	U	U	U	U	U	0.5	60 GV
Methyl Acetate	U	U	U	U	U	U	U	U	U	U	U	U	0.5	--
Methylene Chloride	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST.
trans-1,2-Dichloroethene	U	U	U	U	U	U	1.4	1.3	U	U	U	U	0.5	5 ST
Methyl tert-butyl Ether	U	U	U	U	U	0.7	U	U	U	U	0.34 J	U	0.5	10 GV
1,1-Dichloroethane	U	U	U	U	U	0.35 J	0.9	1.1	5.1	5.3	0.5 J	1.5	0.5	5 ST
cis-1,2-Dichloroethene	11 J	10 J	44	36	32	14	330 DJ	300 D	1	1.2	0.82	0.58	0.5	5 ST
2-Butanone	U	U	U	U	U	U	U	U	U	U	U	U	5	50 GV
Bromochloromethane	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Chloroform	U	U	U	U	U	U	0.25 J	0.34 J	0.66	0.65	U	0.36 J	0.5	7 ST
1,1,1-Trichloroethane	U	U	U	U	U	0.22 J	1.8	2	1.6	1.7	0.44 J	0.63	0.5	5 ST
Cyclohexane	U	U	U	U	U	U	U	U	U	U	U	U	0.5	--
Carbon Tetrachloride	U	U	U	U	U	U	U	U	10	11	1.6	5.7	0.5	5 ST
Benzene	U	U	U	U	U	U	U	U	U	U	U	U	0.5	1 ST
1,2-Dichloroethane	U	U	U	U	U	U	U	U	U	U	U	U	0.5	0.6 ST
Trichloroethene	17 J	14 J	45	41	44	21 DJ	390 DJ	300 D	100 D	110 D	35 D	34 D	0.5	5 ST
Methylcyclohexane	U	U	U	U	U	U	U	U	U	U	U	U	0.5	--
1,2-Dichloropropane	U	U	U	U	U	U	U	U	U	U	U	U	0.5	1 ST
Bromodichloromethane	U	U	U	U	U	U	U	U	U	U	U	U	0.5	50 GV
cis-1,3-Dichloropropene	U	U	U	U	U	U	U	U	U	U	U	U	0.5	0.4 ST*
4-Methyl-2-Pentanone	U	U	U	U	U	U	U	U	U	U	U	U	5	--
Toluene	U	U	U	U	U	1.3	2.9	2.6	5.6	U	U	1.4	0.5	5 ST
trans-1,3-Dichloropropene	U	U	U	U	U	U	U	U	U	U	U	U	0.5	0.4 ST*
1,1,2-Trichloroethane	U	U	U	U	U	U	U	U	U	U	U	U	0.5	1 ST
Tetrachloroethene	460	470	870 D	840 D	800 D	720 DB	11,000 DB	6,500 DB	9.3	12	29 D	9.2 B	0.5	5 ST
2-Hexanone	U	U	U	U	U	U	U	U	U	U	U	U	5	50 GV
Dibromochloromethane	U	U	U	U	U	U	U	U	U	U	U	U	0.5	50 GV
1,2-Dibromoethane	U	U	U	U	U	U	U	U	U	U	U	U	0.5	0.006 ST
Chlorobenzene	U	U	U	U	U	U	1.2	0.65	U	U	U	U	0.5	5 ST
Ethylbenzene	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST

TABLE A-3 (continued)
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
NEW CASSEL INDUSTRIAL AREA
VERTICAL PROFILE WELLS
TCL VOLATILE ORGANIC COMPOUNDS

Sample ID	TMW-7	TMW-7	TMW-7	TMW-7	TMW-7	TMW-7	TMW-7	TMW-7	TMW-7	TMW-7	TMW-7	TMW-7		Contract Required Detection Limit	NYSDEC TOGS 1.1.1 CLASS GA GROUNDWATER STANDARDS/ GUIDANCE VALUES
Sample Depth, ft	65	85	105	125	145	165	185	205	225	245	265	285			
Date of Collection	7/7/2008	7/7/2008	7/7/2008	7/7/2008	7/7/2008	7/2/2008	7/2/2008	7/2/2008	7/1/2008	7/1/2008	7/1/2008	6/30/2008			
Dilution Factor	50.0	50.0	50/100	50/100	50/100	1/50	1/1000	1/500	1/10	1/10	1/2.5	1/2.5			
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L		ug/L	ug/L
m/p-Xylenes	U	U	U	U	U	U	U	U	U	U	U	U		0.5	5 ST
o-Xylene	U	U	U	U	U	U	U	U	U	U	U	U		0.5	5 ST
Styrene	U	U	U	U	U	U	U	U	U	U	U	U		0.5	5 ST
Bromoform	U	U	U	U	U	U	U	U	U	U	U	U		0.5	50 GV
Isopropylbenzene	U	U	U	U	U	U	U	U	U	U	U	U		0.5	5 ST
1,1,2,2-Tetrachloroethane	U	U	U	U	U	U	U	U	U	U	U	U		0.5	5 ST
1,3-Dichlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U		0.5	3 ST**
1,4-Dichlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U		0.5	3 ST**
1,2-Dichlorobenzene	U	U	U	U	U	U	0.46 J	U	U	U	U	U		0.5	3 ST**
1,2-Dibromo-3-Chloropropane	U	U	U	U	U	U	U	U	U	U	U	U		0.5	0.04 ST
1,2,4-Trichlorobenzene	U	U	U	U	U	U	0.69	U	U	U	U	U		0.5	5 ST
1,2,3-Trichlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U		0.5	5 ST
Total Targeted VOCs	488	494	959	917	876	763	11,734	7,113	136	145	69	54			--
Total TICs	0	0	0	0	0	0	0	0	0	0	0	0			--
Total VOCs	488	494	959	917	876	763	11,734	7,113	136	145	69	54			--

Qualifiers:

U: Compound analyzed for but not detected.

J: Compound detected at a concentration below the Contract Required Detection Limit (CRDL), Value estimated.

B: Compound detected in method blank as well as the sample.

D: Compound analyzed at a secondary dilution as noted in column header.

E: Compound concentration exceeds instrument calibration range, value estimated

*: Result qualified as estimated, possibly biased high based on validation criteria

Notes:

TIC: Tentatively Identified Compound

--: Not established

ST: Standard

ST*: Applies to sum of isomers

ST**: Applies to sum of isomers

GV: Guidance Value

: Result exceeds TOGS 1.1.1 class GA Groundwater Standard or Guidance Value

TABLE A-3 (continued)
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
NEW CASSEL INDUSTRIAL AREA
VERTICAL PROFILE WELLS
TCL VOLATILE ORGANIC COMPOUNDS

Sample ID	TMW-8D	TMW-8D	TMW-8D	TMW-8D	TMW-8D	TMW-8D	TMW-8D	TMW-8D	TMW-8D	TMW-8D	TMW-8D	TMW-8D	TMW-8D	Contract Required Detection Limit	NYSDEC TOGS 1.1.1 CLASS GA GROUNDWATER STANDARDS/ GUIDANCE VALUES
Sample Depth, ft	52	82	92	112	132	152	177	192	212	237	257	272	292		
Date of Collection	10/29/2008	10/30/2008	10/30/2008	10/31/2008	10/31/2008	11/3/2008	11/3/2008	11/4/2008	11/4/2008	11/6/2008	11/7/2008	11/7/2008	11/10/2008		
Dilution Factor	1	1	1	20	20	1	1	1	1	1	10	1	10/25		
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Dichlorodifluoromethane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Chloromethane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Vinyl Chloride	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	2 ST
Bromomethane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Chloroethane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Trichlorofluoromethane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
1,1-Dichloroethene	U	U	U	U	U	U	U	U	U	U	U	U	72	0.5	5 ST
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Acetone	U	U	U	U	U	U	U	U	U	U	U	U	U	5	50 GV
Carbon Disulfide	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	60 GV
Methyl Acetate	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	--
Methylene Chloride	0.31 JB	U	U	7 BJ	5.4 BJ	0.23 BJ	U	U	U	U	U	U	2.1 J	0.5	5 ST
trans-1,2-Dichloroethene	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Methyl tert-butyl Ether	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	10 GV
1,1-Dichloroethane	U	U	U	U	U	U	U	U	U	U	U	U	16	0.5	5 ST
cis-1,2-Dichloroethene	U	U	U	U	U	U	U	U	U	U	U	U	19	0.5	5 ST
2-Butanone	U	U	U	U	U	U	U	U	U	U	U	U	U	5	50 GV
Bromochloromethane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Chloroform	U	U	U	U	U	U	0.27 J	U	U	0.58	U	1.4	U	0.5	7 ST
1,1,1-Trichloroethane	U	U	U	U	U	U	U	U	U	U	U	0.22 J	37	0.5	5 ST
Cyclohexane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	--
Carbon Tetrachloride	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Benzene	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	1 ST
1,2-Dichloroethane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	0.6 ST
Trichloroethene	U	U	U	U	U	U	U	U	U	0.66	U	1.2	360 D	0.5	5 ST
Methylcyclohexane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	--
1,2-Dichloropropane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	1 ST
Bromodichloromethane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	50 GV
cis-1,3-Dichloropropene	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	0.4 ST*
4-Methyl-2-Pentanone	U	U	U	U	U	U	U	U	U	U	U	U	U	5	--
Toluene	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
trans-1,3-Dichloropropene	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	0.4 ST*
1,1,2-Trichloroethane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	1 ST
Tetrachloroethene	U	U	U	U	U	U	U	U	U	U	U	1.6	290 D	0.5	5 ST
2-Hexanone	U	U	U	U	U	U	U	U	U	U	U	U	U	5	50 GV
Dibromochloromethane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	50 GV
1,2-Dibromoethane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	0.006 ST
Chlorobenzene	U	U	U	U	U	3.3	U	U	U	U	U	U	U	0.5	5 ST
Ethylbenzene	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST

TABLE A-3 (continued)
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
NEW CASSEL INDUSTRIAL AREA
VERTICAL PROFILE WELLS
TCL VOLATILE ORGANIC COMPOUNDS

Sample ID	TMW-8D	TMW-8D	TMW-8D	TMW-8D	TMW-8D	TMW-8D	TMW-8D	TMW-8D	TMW-8D	TMW-8D	TMW-8D	TMW-8D	TMW-8D	Contract Required Detection Limit	NYSDEC TOGS 1.1.1 CLASS GA GROUNDWATER STANDARDS/ GUIDANCE VALUES
Sample Depth, ft	52	82	92	112	132	152	177	192	212	237	257	272	292		
Date of Collection	10/29/2008	10/30/2008	10/30/2008	10/31/2008	10/31/2008	11/3/2008	11/3/2008	11/4/2008	11/4/2008	11/6/2008	11/7/2008	11/7/2008	11/10/2008		
Dilution Factor	1	1	1	20	20	1	1	1	1	1	10	1	10		
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
m/p-Xylenes	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
o-Xylene	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Styrene	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Bromoform	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	50 GV
Isopropylbenzene	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
1,1,2,2-Tetrachloroethane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
1,3-Dichlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	3 ST**
1,4-Dichlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	3 ST**
1,2-Dichlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	3 ST**
1,2-Dibromo-3-Chloropropane	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	0.04 ST
1,2,4-Trichlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
1,2,3-Trichlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Total Targeted VOCs	0	0	0	7	5	4	0	0	0	1	0	4	796		--
Total TICs	0	0	0	0	0	0	0.71	5.63	2.1	0	11	4.33	0		--
Total VOCs	0	0	0	7	5	4	1	6	2	1	11	9	796		--

Qualifiers:

U: Compound analyzed for but not detected.

J: Compound detected at a concentration below the Contract Required Detection Limit (CRDL), Value estimated.

B: Compound detected in method blank as well as the sample.

D: Compound analyzed at a secondary dilution as noted in column header.

E: Compound concentration exceeds instrument calibration range, value estimated

*: Result qualified as estimated, possibly biased high based on validation criteria

Notes:

TIC: Tentatively Identified Compound

--: Not established

ST: Standard

ST*: Applies to sum of isomers

ST**: Applies to sum of isomers

GV: Guidance Value

: Result exceeds TOGS 1.1.1 class GA Groundwater Standard or Guidance Value

TABLE A-3 (continued)
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
NEW CASSEL INDUSTRIAL AREA
VERTICAL PROFILE WELLS
TCL VOLATILE ORGANIC COMPOUNDS

Sample ID	TMW-8D	TMW-8D	TMW-8D	TMW-8D	TMW-8D	TMW-8D	TMW-8D	TMW-8D	TMW-8D	TMW-8D				Contract Required Detection Limit	NYSDEC TOGS 1.1.1 CLASS GA GROUNDWATER STANDARDS/ GUIDANCE VALUES
Sample Depth, ft	312	337	357	372	392	437	457	472	497	502					
Date of Collection	11/10/2008	11/10/2008	11/11/2008	11/11/2008	11/11/2008	11/13/2008	11/13/2008	11/13/2008	11/14/2008	11/14/2008					
Dilution Factor	10/20	10/50	10/40	10	1	2	1.6	1.6	10	10					
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L				ug/L	ug/L
Dichlorodifluoromethane	U	U	U	U	U	U	U	U	U	U				0.5	5 ST
Chloromethane	U	U	U	U	U	U	U	U	U	U				0.5	5 ST
Vinyl Chloride	U	U	U	U	U	U	U	U	U	U				0.5	2 ST
Bromomethane	U	U	U	U	U	U	U	U	U	U				0.5	5 ST
Chloroethane	U	U	U	U	U	U	U	U	U	U				0.5	5 ST
Trichlorofluoromethane	U	U	U	U	U	U	U	U	U	U				0.5	5 ST
1,1-Dichloroethene	73	50	32	25	0.54	4.6	0.96	13	4.2 J	4.2 J				0.5	5 ST
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	U	U	U	U	U	U	U	U				0.5	5 ST
Acetone	U	U	U	U	U	U	U	U	U	U				5	50 GV
Carbon Disulfide	U	U	U	U	U	U	U	U	U	U				0.5	60 GV
Methyl Acetate	U	U	U	U	U	U	U	U	U	U				0.5	--
Methylene Chloride	U	U	U	U	U	U	U	U	3.2 BJ	2.9 BJ				0.5	5 ST
trans-1,2-Dichloroethene	U	U	U	U	U	U	U	U	U	U				0.5	5 ST
Methyl tert-butyl Ether	U	U	U	U	U	U	U	U	U	U				0.5	10 GV
1,1-Dichloroethane	14	9.9	7.9	6.1	0.57	7.1	1.3	20	3.2 J	U				0.5	5 ST
cis-1,2-Dichloroethene	14	43	26	13	U	5.6	6.8	6.9	15	2.2 J				0.5	5 ST
2-Butanone	U	U	U	U	U	U	U	U	U	U				5	50 GV
Bromochloromethane	U	U	U	U	U	U	U	U	U	U				0.5	5 ST
Chloroform	U	U	U	U	U	0.7 J	1	0.41 J	U	U				0.5	7 ST
1,1,1-Trichloroethane	46	36	25	16	0.43 J	3	0.82	9.7	2.7 J	4.2 J				0.5	5 ST
Cyclohexane	U	U	U	U	U	U	U	U	U	U				0.5	--
Carbon Tetrachloride	U	U	U	U	U	U	U	U	U	U				0.5	5 ST
Benzene	U	U	U	U	U	U	U	U	U	U				0.5	1 ST
1,2-Dichloroethane	U	U	U	U	U	U	U	U	U	U				0.5	0.6 ST
Trichloroethene	280 D	67	38	27	0.32 J	20	23	24	120	14				0.5	5 ST
Methylcyclohexane	U	U	U	U	U	U	U	U	U	U				0.5	--
1,2-Dichloropropane	U	U	U	U	U	U	U	U	U	U				0.5	1 ST
Bromodichloromethane	U	U	U	U	U	U	U	U	U	U				0.5	50 GV
cis-1,3-Dichloropropene	U	U	U	U	U	U	U	U	U	U				0.5	0.4 ST*
4-Methyl-2-Pentanone	U	U	U	U	U	U	U	U	U	U				5	--
Toluene	U	U	U	U	U	U	U	U	U	U				0.5	5 ST
trans-1,3-Dichloropropene	U	U	U	U	U	U	U	U	U	U				0.5	0.4 ST*
1,1,2-Trichloroethane	U	U	U	U	U	U	U	U	U	U				0.5	1 ST
Tetrachloroethene	86	680 D	420 D	160	0.47 J	10	6.7	5.9	11	14				0.5	5 ST
2-Hexanone	U	U	U	U	U	U	U	U	U	U				5	50 GV
Dibromochloromethane	U	U	U	U	U	U	U	U	U	U				0.5	50 GV
1,2-Dibromoethane	U	U	U	U	U	U	U	U	U	U				0.5	0.006 ST
Chlorobenzene	U	U	U	U	U	U	U	U	U	U				0.5	5 ST
Ethylbenzene	U	U	U	U	U	U	U	U	U	U				0.5	5 ST

TABLE A-3 (continued)
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
NEW CASSEL INDUSTRIAL AREA
VERTICAL PROFILE WELLS
TCL VOLATILE ORGANIC COMPOUNDS

Sample ID	TMW-8D	TMW-8D	TMW-8D	TMW-8D	TMW-8D	TMW-8D	TMW-8D	TMW-8D	TMW-8D	TMW-8D				Contract Required Detection Limit	NYSDEC TOGS 1.1.1 CLASS GA GROUNDWATER STANDARDS/ GUIDANCE VALUES
Sample Depth, ft	312	337	357	372	392	437	457	472	497	502					
Date of Collection	11/10/2008	11/10/2008	11/11/2008	11/11/2008	11/11/2008	11/13/2008	11/13/2008	11/13/2008	11/14/2008	11/14/2008					
Dilution Factor	10/20	10/50	10/40	10	1	2	1.6	1.6	10	10					
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L				ug/L	ug/L
m/p-Xylenes	U	U	U	U	U	U	U	U	U	U				0.5	5 ST
o-Xylene	U	U	U	U	U	U	U	U	U	U				0.5	5 ST
Styrene	U	U	U	U	U	U	U	U	U	U				0.5	5 ST
Bromoform	U	U	U	U	U	U	U	U	U	U				0.5	50 GV
Isopropylbenzene	U	U	U	U	U	U	U	U	U	U				0.5	5 ST
1,1,2,2-Tetrachloroethane	U	U	U	U	U	U	U	U	U	U				0.5	5 ST
1,3-Dichlorobenzene	U	U	U	U	U	U	U	U	U	U				0.5	3 ST**
1,4-Dichlorobenzene	U	U	U	U	U	U	U	U	U	U				0.5	3 ST**
1,2-Dichlorobenzene	U	U	U	U	U	U	U	U	U	U				0.5	3 ST**
1,2-Dibromo-3-Chloropropane	U	U	U	U	U	U	U	U	U	U				0.5	0.04 ST
1,2,4-Trichlorobenzene	U	U	U	U	U	U	U	U	U	U				0.5	5 ST
1,2,3-Trichlorobenzene	U	U	U	U	U	U	U	U	U	U				0.5	5 ST
Total Targeted VOCs	513	886	549	247	2	51	41	80	159	42					--
Total TICs	0	0	0	0	0	0	0	0	0	0					--
Total VOCs	513	886	549	247	2	51	41	80	159	42					--

Qualifiers:

U: Compound analyzed for but not detected.

J: Compound detected at a concentration below the Contract Required Detection Limit (CRDL), Value estimated.

B: Compound detected in method blank as well as the sample.

D: Compound analyzed at a secondary dilution as noted in column header.

E: Compound concentration exceeds instrument calibration range, value estimated

*: Result qualified as estimated, possibly biased high based on validation criteria

Notes:

TIC: Tentatively Identified Compound

--: Not established

ST: Standard

ST*: Applies to sum of isomers

ST**: Applies to sum of isomers

GV: Guidance Value

: Result exceeds TOGS 1.1.1 class GA Groundwater Standard or Guidance Value

TABLE A-3 (continued)
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
NEW CASSEL INDUSTRIAL AREA
VERTICAL PROFILE WELLS
TCL VOLATILE ORGANIC COMPOUNDS

Sample ID	TMW-9	TMW-9	TMW-9	TMW-9	TMW-9	TMW-9	TMW-9	TMW-9	TMW-9	TMW-9	TMW-9	TMW-9	Contract Required Detection Limit	NYSDEC TOGS 1.1.1 CLASS GA GROUNDWATER STANDARDS/ GUIDANCE VALUES
Sample Depth, ft	60	80	100	120	140	160	180	200	220	240	260	280		
Date of Collection	7/21/2008	7/21/2008	7/21/2008	7/21/2008	7/18/2008	7/18/2008	7/18/2008	7/17/2008	7/17/2008	7/17/2008	7/16/2008	7/16/2008		
Dilution Factor	1/2.5	1/2.5	1/2	1/5	1/20	1/25	1/25	1/25	1/5	1	1	1		
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Dichlorodifluoromethane	U	U	0.39 J	1.5	U	U	U	U	U	U	U	U	0.5	5 ST
Chloromethane	0.55	U	0.39 J	U	U	U	U	U	U	U	U	U	0.5	5 ST
Vinyl Chloride	U	U	U	U	U	U	U	U	U	U	U	U	0.5	2 ST
Bromomethane	U	U	0.32 J	U	U	U	U	U	U	U	U	U	0.5	5 ST
Chloroethane	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Trichlorofluoromethane	U	U	0.32 J	U	0.35 J	U	0.27 J	1.1	3	6.2	8.5	20	0.5	5 ST
1,1-Dichloroethene	0.53	0.63	0.58	1.1	2.8	2.6	2.5	3.4	1.9	17	20	18	0.5	5 ST
1,1,2-Trichloro-1,2,2-trifluoroethane	0.89	1	0.87	1.5	9.6	13	7.5	4.4	U	U	U	U	0.5	5 ST
Acetone	6.3	U	6.7	U	U	U	U	U	U	U	U	U	5	50 GV
Carbon Disulfide	U	U	0.55	U	U	U	U	U	U	U	U	U	0.5	60 GV
Methyl Acetate	U	U	U	U	U	U	U	U	U	U	U	U	0.5	--
Methylene Chloride	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
trans-1,2-Dichloroethene	U	U	0.31 J	U	U	U	U	U	U	U	U	U	0.5	5 ST
Methyl tert-butyl Ether	U	0.74	1.3	3.9	1.1	0.22 J	U	0.35 J	0.42 J	U	U	U	0.5	10 GV
1,1-Dichloroethane	0.4 J	0.36 J	0.4 J	0.65	1.2	1.7	1.8	3.5	2.9	15	15	16	0.5	5 ST
cis-1,2-Dichloroethene	2.1	2	1.3	3.7	12	23 D	24 D	17	4.4	0.71	0.85	0.84	0.5	5 ST
2-Butanone	U	U	U	U	U	U	U	U	U	U	U	U	5	50 GV
Bromochloromethane	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Chloroform	0.51	0.53	0.54	1	3.3	8.1	3.9	11	2.5	1.6	1.7	1.7	0.5	7 ST
1,1,1-Trichloroethane	U	U	0.43 J	0.4 J	1.4	1.3	1.1	1.6	0.79	8.5	8.1	8.7	0.5	5 ST
Cyclohexane	U	U	0.31 J	U	U	U	U	U	U	U	U	U	0.5	--
Carbon Tetrachloride	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Benzene	U	U	0.31 J	U	U	U	U	U	U	U	U	U	0.5	1 ST
1,2-Dichloroethane	U	U	U	U	U	U	U	U	U	0.55	0.72	0.96	0.5	0.6 ST
Trichloroethene	12	13	15	28 D	120 D	110 D	99 D	90 D	55 D	15	17	19	0.5	5 ST
Methylcyclohexane	U	U	0.33 J	U	U	U	U	U	U	U	U	U	0.5	--
1,2-Dichloropropane	U	U	U	U	U	U	U	U	U	U	U	U	0.5	1 ST
Bromodichloromethane	U	U	U	U	U	U	U	U	U	U	U	U	0.5	50 GV
cis-1,3-Dichloropropene	U	U	U	U	U	U	U	U	U	U	U	U	0.5	0.4 ST*
4-Methyl-2-Pentanone	U	U	U	U	U	U	U	U	U	U	U	U	5	--
Toluene	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
trans-1,3-Dichloropropene	U	U	0.43 J	U	U	U	U	U	U	U	U	U	0.5	0.4 ST*
1,1,2-Trichloroethane	U	U	U	U	U	U	U	U	U	U	U	U	0.5	1 ST
Tetrachloroethene	25 D	25 D	18 D	57 D	210 D	280 D	270 D	270 DB	13 B	2.4 B	3.1	4.3	0.5	5 ST
2-Hexanone	U	U	U	U	U	U	U	U	U	U	U	U	5	50 GV
Dibromochloromethane	U	U	U	U	U	U	U	U	U	U	U	U	0.5	50 GV
1,2-Dibromoethane	U	U	U	U	U	U	U	U	U	U	U	U	0.5	0.006 ST
Chlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST
Ethylbenzene	U	U	U	U	U	U	U	U	U	U	U	U	0.5	5 ST

TABLE A-3 (continued)
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
NEW CASSEL INDUSTRIAL AREA
VERTICAL PROFILE WELLS
TCL VOLATILE ORGANIC COMPOUNDS

Sample ID	TMW-9	TMW-9	TMW-9	TMW-9	TMW-9	TMW-9	TMW-9	TMW-9	TMW-9	TMW-9	TMW-9	TMW-9		Contract Required Detection Limit	NYSDEC TOGS 1.1.1 CLASS GA GROUNDWATER STANDARDS/ GUIDANCE VALUES
Sample Depth, ft	60	80	100	120	140	160	180	200	220	240	260	280			
Date of Collection	7/21/2008	7/21/2008	7/21/2008	7/21/2008	7/18/2008	7/18/2008	7/18/2008	7/17/2008	7/17/2008	7/17/2008	7/16/2008	7/16/2008			
Dilution Factor	1/2.5	1/2.5	1/2	1/5	1/20	1/25	1/25	1/25	1/5	1	1	1			
Units	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L		ug/L	ug/L
m/p-Xylenes	U	U	U	U	U	U	U	U	U	U	U	U		0.5	5 ST
o-Xylene	U	U	U	U	U	0.9	U	U	U	U	U	U		0.5	5 ST
Styrene	U	U	U	U	U	U	U	U	U	U	U	U		0.5	5 ST
Bromoform	U	U	U	U	U	U	U	U	U	U	U	U		0.5	50 GV
Isopropylbenzene	U	U	U	U	U	U	U	U	U	U	U	U		0.5	5 ST
1,1,2,2-Tetrachloroethane	U	U	U	U	U	U	U	U	U	U	U	U		0.5	5 ST
1,3-Dichlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U		0.5	3 ST**
1,4-Dichlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U		0.5	3 ST**
1,2-Dichlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U		0.5	3 ST**
1,2-Dibromo-3-Chloropropane	U	U	U	U	U	U	U	U	U	U	U	U		0.5	0.04 ST
1,2,4-Trichlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U		0.5	5 ST
1,2,3-Trichlorobenzene	U	U	U	U	U	U	U	U	U	U	U	U		0.5	5 ST
Total Targeted VOCs	48	43	49	99	362	441	410	402	84	67	75	90			--
Total TICs	6.78 J	3 J	0	0.64 J	0	0	0	0	0	0	0	0			--
Total VOCs	55	46	49	99	362	441	410	402	84	67	75	90			--

Qualifiers:

U: Compound analyzed for but not detected.

J: Compound detected at a concentration below the Contract Required Detection Limit (CRDL), Value estimated.

B: Compound detected in method blank as well as the sample.

D: Compound analyzed at a secondary dilution as noted in column header.

E: Compound concentration exceeds instrument calibration range, value estimated

*: Result qualified as estimated, possibly biased high based on validation criteria

Notes:

TIC: Tentatively Identified Compound

--: Not established

ST: Standard

ST*: Applies to sum of isomers

ST**: Applies to sum of isomers

GV: Guidance Value

: Result exceeds TOGS 1.1.1 class GA Groundwater Standard or Guidance Value

Table 2 - Groundwater Samples Analytical Results - April 2011 (VOCs)
NCIA OU3 Study Area
NYSDEC Site # 130043

Sample ID			EX-1 (Discharge Water)	EX-1DL (Discharge Water)	NC1A-EX-2-GW-285-0	NC1A-EX-2-GW-285-0DL	NC1A-MW-12-GW-225-0	NC1A-MW-13-GW-208-0	NC1A-MW-11S-GW-225-0
Sample Depth			205	205	285	285	225	208	225
Sample Type			Discharge Water		Initial	Dilution	Initial	Initial	Initial
Lab Sample Number			C1627-01	C1627-01DL	C1848-13	C1848-13DL	C1723-01	C1723-02	C1745-01
Sampling Date			3/23/2011	3/23/2011	4/12/2011	4/12/2011	3/31/2011	4/1/2011	4/4/2011
Dilution Factor			1	20	1	5	1	1	1
Analyte	CAS #	NYSDEC Class GA Standards (ug/L) ◇	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1,1,1-Trichloroethane	71-55-6	5	0.3 U	6 U	1 U	5 U	1.3	1 U	3.8
1,1,2,2-Tetrachloroethane	79-34-5	5	0.46 U	9.2 U	1 U	5 U	1 U	1 U	1 U
1,1,2-Trichloroethane	79-00-5	1	0.2 U	4 U	1 U	5 U	1 U	1 U	1 U
1,1,2-Trichlorotrifluoroethane	76-13-1	5	0.41 U	8.2 U	1 U	5 U	1 U	1 U	3.6
1,1-Dichloroethane	75-34-3	5	0.24 U	4.8 U	3.9	5 U	1.1	**5.2**	**7.4**
1,1-Dichloroethene	75-35-4	5	0.39 U	7.8 U	3.4	5 U	1.6	2.2	**19**
1,2,4-Trichlorobenzene	120-82-1	5	0.38 U	7.6 U	1 U	5 U	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	0.2 U	4 U	1 U	5 U	1 U	1 U	1 U
1,2-Dibromoethane	106-93-4	0.006	0.32 U	6.4 U	1 U	5 U	1 U	1 U	1 U
1,2-Dichlorobenzene	95-50-1	3	0.19 U	3.8 U	1 U	5 U	1 U	1 U	1 U
1,2-Dichloroethane	107-06-2	0.6	0.18 U	3.6 U	**0.84** J	5 U	1 U	1 U	1 U
1,2-Dichloropropane	78-87-5	1	0.21 U	4.2 U	1 U	5 U	1 U	1 U	1 U
1,3-Dichlorobenzene	541-73-1	3	0.37 U	7.4 U	1 U	5 U	1 U	1 U	1 U
1,4-Dichlorobenzene	106-46-7	3	0.22 U	4.4 U	1 U	5 U	1 U	1 U	1 U
2-Butanone	78-93-3	50	1.6 U	31 U	2.9 J	25 U	5 U	5 U	5 U
2-Hexanone	591-78-6	50	1.3 U	26 U	5 U	25 U	5 U	5 U	5 U
4-Methyl-2-Pentanone	108-10-1	-	1.1 U	21 U	5 U	25 U	5 U	5 U	5 U
Acetone	67-64-1	50	3.3 J	32 U	15	30 D	5 U	5 U	5 U
Benzene	71-43-2	1	0.26 U	5.2 U	**10**	**10** D	1 U	1 U	1 U
Bromodichloromethane	75-27-4	50	0.47 U	9.4 U	1 U	5 U	1 U	1 U	1 U
Bromoform	75-25-2	50	0.2 U	4 U	1 U	5 U	1 U	1 U	1 U
Bromomethane	74-83-9	5	0.36 U	7.2 U	1 U	5 U	1 U	1 U	1 U
Carbon Disulfide	75-15-0	-	0.35 U	7 U	1 U	5 U	1 U	1 U	1 U
Carbon Tetrachloride	56-23-5	5	0.2 U	4 U	1 U	5 U	1 U	1 U	1 U
Chlorobenzene	108-90-7	5	0.26 U	5.2 U	1 U	5 U	1 U	1 U	1 U

Table 2 - Groundwater Samples Analytical Results - April 2011 (VOCs)
NCIA OU3 Study Area
NYSDEC Site # 130043

Sample ID			EX-1 (Discharge Water)	EX-1DL (Discharge Water)	NC1A-EX-2-GW-285-0	NC1A-EX-2-GW-285-0DL	NC1A-MW-12-GW-225-0	NC1A-MW-13-GW-208-0	NC1A-MW-11S-GW-225-0
Sample Depth			205	205	285	285	225	208	225
Sample Type			Discharge Water		Initial	Dilution	Initial	Initial	Initial
Lab Sample Number			C1627-01	C1627-01DL	C1848-13	C1848-13DL	C1723-01	C1723-02	C1745-01
Sampling Date			3/23/2011	3/23/2011	4/12/2011	4/12/2011	3/31/2011	4/1/2011	4/4/2011
Dilution Factor			1	20	1	5	1	1	1
Analyte	CAS #	NYSDEC Class GA Standards (ug/L) ◇	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Chloroethane	75-00-3	50	0.21 U	4.2 U	1 U	5 U	1 U	1 U	1 U
Chloroform	67-66-3	7	1.6	3.8 U	1 U	5 U	1 U	0.77 J	**25**
Chloromethane	74-87-3	5	0.33 U	6.6 U	1 U	5 U	1 U	1 U	2
cis-1,2-Dichloroethene	156-59-2	5	**36**	43 D	**16**	**17** D	4	1.4	**41**
cis-1,3-Dichloropropene^	10061-01-5	0.4	0.42 U	8.4 U	1 U	5 U	1 U	1 U	1 U
Cyclohexane	110-82-7	-	0.28 U	5.6 U	1 U	5 U	1 U	1 U	1 U
Dibromochloromethane	124-48-1	50	0.2 U	4 U	1 U	5 U	1 U	1 U	1 U
Dichlorodifluoromethane	75-71-8	5	0.29 U	5.8 U	1 U	5 U	1 U	1 U	1 U
Ethyl Benzene	100-41-4	5	0.26 U	5.2 U	1 U	5 U	1 U	1 U	1 U
Isopropylbenzene	98-82-8	5	0.11 U	2.2 U	1 U	5 U	1 U	1 U	1 U
m/p-Xylenes	179601-23-1	5	0.35 U	7 U	2 U	10 U	2 U	2 U	2 U
Methyl Acetate	79-20-9	-	0.41 U	8.2 U	1 U	5 U	1 U	1 U	1 U
Methyl tert-Butyl Ether	1634-04-4	10	0.7 J	8.2 U	1 U	5 U	1 U	1 U	1 U
Methylcyclohexane	108-87-2	NA	0.36 U	7.2 U	1 U	5 U	1 U	1 U	1 U
Methylene Chloride	75-09-2	5	0.2 U	4 U	1 U	5 U	1 U	1 U	1 U
o-Xylene	95-47-6	5	0.22 U	4.4 U	1.2	5 U	1 U	1 U	1 U
Styrene	100-42-5	5	0.23 U	4.6 U	1 U	5 U	1 U	1 U	1 U
t-1,3-Dichloropropene^	10061-02-6	0.4	0.4 U	8 U	1 U	5 U	1 U	1 U	1 U
Tetrachloroethene	127-18-4	5	**870** E	**1100** D	**120** E	**130** D	**21**	3	**120**
Toluene	108-88-3	5	0.17 U	3.4 U	0.55 J	5 U	1 U	0.86 J	0.5 J
trans-1,2-Dichloroethene	156-60-5	5	2.4	7.8 U	1 U	5 U	1 U	1 U	1 U
Trichloroethene	79-01-6	5	**69**	**73** D	**120** E	**140** D	**19**	0.54 J	**170** E
Trichlorofluoromethane	75-69-4	5	0.39 U	7.8 U	1 U	5 U	1 U	1 U	1 U
Vinyl Chloride	75-01-4	2	0.35 U	7 U	1 U	5 U	1 U	1 U	1 U

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Table 2 - Groundwater Samples Analytical Results - April 2011 (VOCs)
NCIA OU3 Study Area
NYSDEC Site # 130043

Sample ID			NC1A-MW-11S-GW-225-0DL	NC1A-MW-11S-GW-225-1 (Duplicate)	NC1A-MW-11S-GW-225-1DL	NC1A-MW-11D-GW-285-0	NC1A-MW-11D-GW-285-0DL	NC1A-MW-8-GW-139-0	NC1A-MW-3-GW-150-0
Sample Depth			225	225	225	285	285	139	150
Sample Type			Dilution	Duplicate	Dilution	Initial	Dilution	Initial	Initial
Lab Sample Number			C1745-01DL	C1745-02	C1745-02DL	C1745-03	C1745-03DL	C1745-05	C1745-08
Sampling Date			4/4/2011	4/4/2011	4/4/2011	4/4/2011	4/4/2011	4/5/2011	4/5/2011
Dilution Factor			10	1	5	1	20	1	1
Analyte	CAS #	NYSDEC Class GA Standards (ug/L) ◇	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1,1,1-Trichloroethane	71-55-6	5	10 U	3.7	5 U	**10**	20 U	1 U	4.5
1,1,2,2-Tetrachloroethane	79-34-5	5	10 U	1 U	5 U	1 U	20 U	1 U	1 U
1,1,2-Trichloroethane	79-00-5	1	10 U	1 U	5 U	**1.2**	20 U	1 U	1 U
1,1,2-Trichlorotrifluoroethane	76-13-1	5	10 U	1 U	5 U	**13**	**14** JD	1 U	1 U
1,1-Dichloroethane	75-34-3	5	10 U	**6.8**	5 U	**11**	20 U	1 U	**31**
1,1-Dichloroethene	75-35-4	5	**22** D	**17**	**17** D	**24**	**26** D	1 U	**82**
1,2,4-Trichlorobenzene	120-82-1	5	10 U	1 U	5 U	1 U	20 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	10 U	1 U	5 U	1 U	20 U	1 U	1 U
1,2-Dibromoethane	106-93-4	0.006	10 U	1 U	5 U	1 U	20 U	1 U	1 U
1,2-Dichlorobenzene	95-50-1	3	10 U	1 U	5 U	1 U	20 U	1 U	1 U
1,2-Dichloroethane	107-06-2	0.6	10 U	1 U	5 U	1 U	20 U	1 U	**1.1**
1,2-Dichloropropane	78-87-5	1	10 U	1 U	5 U	1 U	20 U	1 U	1 U
1,3-Dichlorobenzene	541-73-1	3	10 U	1 U	5 U	1 U	20 U	1 U	1 U
1,4-Dichlorobenzene	106-46-7	3	10 U	1 U	5 U	1 U	20 U	1 U	1 U
2-Butanone	78-93-3	50	50 U	5 U	25 U	5 U	100 U	5 U	5 U
2-Hexanone	591-78-6	50	50 U	5 U	25 U	5 U	100 U	5 U	5 U
4-Methyl-2-Pentanone	108-10-1	-	50 U	5 U	25 U	5 U	100 U	5 U	5 U
Acetone	67-64-1	50	50 U	5 U	25 U	5 U	100 U	5 U	5 U
Benzene	71-43-2	1	10 U	1 U	5 U	**3.5**	20 U	1 U	1 U
Bromodichloromethane	75-27-4	50	10 U	1 U	5 U	2.7	20 U	1 U	1 U
Bromoform	75-25-2	50	10 U	1 U	5 U	1 U	20 U	1 U	1 U
Bromomethane	74-83-9	5	10 U	1 U	5 U	1 U	20 U	1 U	1 U
Carbon Disulfide	75-15-0	-	10 U	1 U	5 U	1 U	20 U	1 U	1 U
Carbon Tetrachloride	56-23-5	5	10 U	1 U	5 U	1 U	20 U	1 U	1 U
Chlorobenzene	108-90-7	5	10 U	1 U	5 U	1 U	20 U	1 U	1 U

Table 2 - Groundwater Samples Analytical Results - April 2011 (VOCs)
NCIA OU3 Study Area
NYSDEC Site # 130043

Sample ID			NC1A-MW-11S-GW-225-0DL	NC1A-MW-11S-GW-225-1 (Duplicate)	NC1A-MW-11S-GW-225-1DL	NC1A-MW-11D-GW-285-0	NC1A-MW-11D-GW-285-0DL	NC1A-MW-8-GW-139-0	NC1A-MW-3-GW-150-0
Sample Depth			225	225	225	285	285	139	150
Sample Type			Dilution	Duplicate	Dilution	Initial	Dilution	Initial	Initial
Lab Sample Number			C1745-01DL	C1745-02	C1745-02DL	C1745-03	C1745-03DL	C1745-05	C1745-08
Sampling Date			4/4/2011	4/4/2011	4/4/2011	4/4/2011	4/4/2011	4/5/2011	4/5/2011
Dilution Factor			10	1	5	1	20	1	1
Analyte	CAS #	NYSDEC Class GA Standards (ug/L) ◇	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Chloroethane	75-00-3	50	10 U	1 U	5 U	1 U	20 U	1 U	1 U
Chloroform	67-66-3	7	**26** D	**23**	**25** D	**47**	**48** D	1 U	0.55 J
Chloromethane	74-87-3	5	10 U	1.9	5 U	3.2	20 U	1 U	1 U
cis-1,2-Dichloroethene	156-59-2	5	**43** D	**38**	**38** D	**92**	**110** D	1 U	**9.4**
cis-1,3-Dichloropropene^	10061-01-5	0.4	10 U	1 U	5 U	1 U	20 U	1 U	1 U
Cyclohexane	110-82-7	-	10 U	1 U	5 U	1 U	20 U	1 U	1 U
Dibromochloromethane	124-48-1	50	10 U	1 U	5 U	3.1	20 U	1 U	1 U
Dichlorodifluoromethane	75-71-8	5	10 U	1 U	5 U	1 U	20 U	1 U	1 U
Ethyl Benzene	100-41-4	5	10 U	1 U	5 U	1 U	20 U	1 U	1 U
Isopropylbenzene	98-82-8	5	10 U	1 U	5 U	1 U	20 U	1 U	1 U
m/p-Xylenes	179601-23-1	5	20 U	2 U	10 U	2 U	40 U	2 U	2 U
Methyl Acetate	79-20-9	-	10 U	1 U	5 U	1 U	20 U	1 U	1 U
Methyl tert-Butyl Ether	1634-04-4	10	10 U	1 U	5 U	1 U	20 U	1 U	1 U
Methylcyclohexane	108-87-2	NA	10 U	1 U	5 U	1 U	20 U	1 U	1 U
Methylene Chloride	75-09-2	5	10 U	1 U	**5** U	1.2	20 U	1 U	1 U
o-Xylene	95-47-6	5	10 U	1 U	5 U	0.52 J	20 U	1 U	1 U
Styrene	100-42-5	5	10 U	1 U	5 U	1 U	20 U	1 U	1 U
t-1,3-Dichloropropene^	10061-02-6	0.4	10 U	1 U	5 U	1 U	20 U	1 U	1 U
Tetrachloroethene	127-18-4	5	**140** D	**100**	**120** D	**350** E	**460** D	1 U	4
Toluene	108-88-3	5	10 U	1 U	5 U	1 U	20 U	1 U	1 U
trans-1,2-Dichloroethene	156-60-5	5	10 U	1 U	5 U	3.7	20 U	1 U	1 U
Trichloroethene	79-01-6	5	**190** D	**160** E	**170** D	**330** E	**400** D	1 U	**110**
Trichlorofluoromethane	75-69-4	5	10 U	1 U	5 U	**7.9**	20 U	1 U	1 U
Vinyl Chloride	75-01-4	2	10 U	1 U	5 U	1 U	20 U	1 U	1 U

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Table 2 - Groundwater Samples Analytical Results - April 2011 (VOCs)
NCIA OU3 Study Area
NYSDEC Site # 130043

Sample ID			NC1A-MW-4-GW-199-0	NC1A-MW-4-GW-199-0DL	NC1A-MW-9-GW-315-0	NC1A-EW-2B-GW-131-0	NC1A-EW-2C-GW-514-0	NC1A-EX-1-GW-205-0	NC1A-EX-1-GW-205-0DL
Sample Depth			199	199	315	131	514	205	205
Sample Type			Initial	Dilution	Initial	Initial	Initial	Initial	Dilution
Lab Sample Number			C1745-09	C1745-09DL	C1789-01	C1789-03	C1789-04	C1789-05	C1789-05DL
Sampling Date			4/5/2011	4/5/2011	4/6/2011	4/6/2011	4/6/2011	4/6/2011	4/6/2011
Dilution Factor			1	20	1	1	1	1	10
Analyte	CAS #	NYSDEC Class GA Standards (ug/L) ◇	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1,1,1-Trichloroethane	71-55-6	5	**160** E	**190** D	1 U	1 U	1 U	1 U	10 U
1,1,2,2-Tetrachloroethane	79-34-5	5	1 U	20 U	1 U	1 U	1 U	1 U	10 U
1,1,2-Trichloroethane	79-00-5	1	**1.3**	20 U	1 U	1 U	1 U	1 U	10 U
1,1,2-Trichlorotrifluoroethane	76-13-1	5	1 U	20 U	1 U	2.9	1 U	1 U	10 U
1,1-Dichloroethane	75-34-3	5	**110**	**130** D	1 U	1 U	0.65 J	1 U	10 U
1,1-Dichloroethene	75-35-4	5	**450** E	**600** D	0.54 J	1 U	1 U	1 U	10 U
1,2,4-Trichlorobenzene	120-82-1	5	1 U	20 U	1 U	1 U	1 U	1 U	10 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	1 U	20 U	1 U	1 U	1 U	1 U	10 U
1,2-Dibromoethane	106-93-4	0.006	1 U	20 U	1 U	1 U	1 U	1 U	10 U
1,2-Dichlorobenzene	95-50-1	3	1 U	20 U	1 U	1 U	1 U	1 U	10 U
1,2-Dichloroethane	107-06-2	0.6	**3.4**	20 U	1 U	1 U	1 U	1 U	10 U
1,2-Dichloropropane	78-87-5	1	1 U	20 U	1 U	1 U	1 U	1 U	10 U
1,3-Dichlorobenzene	541-73-1	3	1 U	20 U	1 U	1 U	1 U	1 U	10 U
1,4-Dichlorobenzene	106-46-7	3	1 U	20 U	1 U	1 U	1 U	1 U	10 U
2-Butanone	78-93-3	50	5 U	100 U	5 U	5 U	5 U	5 U	50 U
2-Hexanone	591-78-6	50	5 U	100 U	5 U	5 U	5 U	5 U	50 U
4-Methyl-2-Pentanone	108-10-1	-	5 U	100 U	5 U	5 U	5 U	5 U	50 U
Acetone	67-64-1	50	5 U	100 U	5 U	5 U	5 U	5 U	50 U
Benzene	71-43-2	1	1 U	20 U	1 U	1 U	1 U	1 U	10 U
Bromodichloromethane	75-27-4	50	1 U	20 U	1 U	1 U	1 U	1 U	10 U
Bromoform	75-25-2	50	1 U	20 U	1 U	1 U	1 U	1 U	10 U
Bromomethane	74-83-9	5	1 U	20 U	1 U	1 U	1 U	1 U	10 U
Carbon Disulfide	75-15-0	-	1 U	20 U	1 U	1 U	1 U	1 U	10 U
Carbon Tetrachloride	56-23-5	5	1 U	20 U	1 U	1 U	1 U	1 U	10 U
Chlorobenzene	108-90-7	5	1 U	20 U	1 U	1 U	1 U	1 U	10 U

Table 2 - Groundwater Samples Analytical Results - April 2011 (VOCs)
NCIA OU3 Study Area
NYSDEC Site # 130043

Sample ID			NC1A-MW-4-GW-199-0	NC1A-MW-4-GW-199-0DL	NC1A-MW-9-GW-315-0	NC1A-EW-2B-GW-131-0	NC1A-EW-2C-GW-514-0	NC1A-EX-1-GW-205-0	NC1A-EX-1-GW-205-0DL
Sample Depth			199	199	315	131	514	205	205
Sample Type			Initial	Dilution	Initial	Initial	Initial	Initial	Dilution
Lab Sample Number			C1745-09	C1745-09DL	C1789-01	C1789-03	C1789-04	C1789-05	C1789-05DL
Sampling Date			4/5/2011	4/5/2011	4/6/2011	4/6/2011	4/6/2011	4/6/2011	4/6/2011
Dilution Factor			1	20	1	1	1	1	10
Analyte	CAS #	NYSDEC Class GA Standards (ug/L) ◇	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Chloroethane	75-00-3	50	1 U	20 U	1 U	1 U	1 U	1 U	10 U
Chloroform	67-66-3	7	1.1	20 U	1 U	1 U	1 U	1.8	10 U
Chloromethane	74-87-3	5	1 U	20 U	1 U	1 U	1 U	1 U	10 U
cis-1,2-Dichloroethene	156-59-2	5	**18**	**20** JD	0.6 J	0.72 J	1 U	**14**	**12** D
cis-1,3-Dichloropropene^	10061-01-5	0.4	1 U	20 U	1 U	1 U	1 U	1 U	10 U
Cyclohexane	110-82-7	-	1 U	20 U	1 U	1 U	1 U	1 U	10 U
Dibromochloromethane	124-48-1	50	1 U	20 U	1 U	1 U	1 U	1 U	10 U
Dichlorodifluoromethane	75-71-8	5	1 U	20 U	1 U	1 U	1 U	1 U	10 U
Ethyl Benzene	100-41-4	5	1 U	20 U	1 U	1 U	1 U	1 U	10 U
Isopropylbenzene	98-82-8	5	1 U	20 U	1 U	1 U	1 U	1 U	10 U
m/p-Xylenes	179601-23-1	5	2 U	40 U	2 U	2 U	2 U	2 U	20 U
Methyl Acetate	79-20-9	-	1 U	20 U	1 U	1 U	1 U	1 U	10 U
Methyl tert-Butyl Ether	1634-04-4	10	1 U	20 U	1 U	1 U	1 U	0.97 J	10 U
Methylcyclohexane	108-87-2	NA	1 U	20 U	1 U	1 U	1 U	1 U	10 U
Methylene Chloride	75-09-2	5	1 U	20 U	1 U	1 U	1 U	1 U	10 U
o-Xylene	95-47-6	5	1 U	20 U	1 U	1 U	1 U	1 U	10 U
Styrene	100-42-5	5	1 U	20 U	1 U	1 U	1 U	1 U	10 U
t-1,3-Dichloropropene^	10061-02-6	0.4	1 U	20 U	1 U	1 U	1 U	1 U	10 U
Tetrachloroethene	127-18-4	5	**35**	**38** D	1 U	0.62 J	1 U	**270** E	**300** D
Toluene	108-88-3	5	1 U	20 U	1 U	0.63 J	1 U	1 U	10 U
trans-1,2-Dichloroethene	156-60-5	5	1 U	20 U	1 U	1 U	1 U	1 U	10 U
Trichloroethene	79-01-6	5	**470** E	**620** D	2.3	4.1	1 U	**23**	**21** D
Trichlorofluoromethane	75-69-4	5	1 U	20 U	1 U	1 U	1 U	1 U	10 U
Vinyl Chloride	75-01-4	2	1 U	20 U	1 U	0.6 J	1 U	1 U	10 U

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Table 2 - Groundwater Samples Analytical Results - April 2011 (VOCs)
NCIA OU3 Study Area
NYSDEC Site # 130043

Sample ID			NC1A-MW-10-GW-284-0	NC1A-MW-6-GW-128-0	NC1A-MW-6-GW-128-0DL	NC1A-MW-16S-GW-225-0	NC1A-MW-16D-GW-285-0	NC1A-EW-1B-GW-158-0	NC1A-EW-1C-GW-516-0
Sample Depth			284	128	128	225	285	158	516
Sample Type			Initial	Initial	Dilution	Initial	Initial	Initial	Initial
Lab Sample Number			C1789-06	C1789-07	C1789-07DL	C1789-08	C1789-09	C1789-10	C1789-11
Sampling Date			4/7/2011	4/7/2011	4/7/2011	4/7/2011	4/7/2011	4/8/2011	4/8/2011
Dilution Factor			1	1	5	1	1	1	1
Analyte	CAS #	NYSDEC Class GA Standards (ug/L) ◇	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1,1,1-Trichloroethane	71-55-6	5	**10**	**140** E	**130** D	1 U	3.1	1 U	1 U
1,1,2,2-Tetrachloroethane	79-34-5	5	1 U	1 U	5 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	79-00-5	1	1 U	1 U	5 U	1 U	1 U	1 U	1 U
1,1,2-Trichlorotrifluoroethane	76-13-1	5	1 U	1 U	5 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	75-34-3	5	**13**	**160** E	**140** D	1 U	3.1	1 U	1 U
1,1-Dichloroethene	75-35-4	5	**24**	**140** E	**120** D	1 U	**6.3**	1 U	1 U
1,2,4-Trichlorobenzene	120-82-1	5	1 U	1 U	5 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	1 U	1 U	5 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane	106-93-4	0.006	1 U	1 U	5 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	95-50-1	3	1 U	1 U	5 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	107-06-2	0.6	1 U	**1.6**	5 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	78-87-5	1	1 U	1 U	5 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	541-73-1	3	1 U	1 U	5 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	106-46-7	3	1 U	1 U	5 U	1 U	1 U	1 U	1 U
2-Butanone	78-93-3	50	5 U	5 U	25 U	5 U	5 U	5 U	5 U
2-Hexanone	591-78-6	50	5 U	5 U	25 U	5 U	5 U	5 U	5 U
4-Methyl-2-Pentanone	108-10-1	-	5 U	5 U	25 U	5 U	5 U	5 U	5 U
Acetone	67-64-1	50	5 U	5 U	25 U	5 U	5 U	5 U	4.6 J
Benzene	71-43-2	1	1 U	1 U	5 U	1 U	1 U	1 U	1 U
Bromodichloromethane	75-27-4	50	1 U	1 U	5 U	1 U	1 U	1 U	1 U
Bromoform	75-25-2	50	1 U	1 U	5 U	1 U	1 U	1 U	1 U
Bromomethane	74-83-9	5	1 U	1 U	5 U	1 U	1 U	1 U	1 U
Carbon Disulfide	75-15-0	-	1 U	1 U	5 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	56-23-5	5	1 U	1 U	5 U	1 U	1 U	1 U	1 U
Chlorobenzene	108-90-7	5	1 U	1 U	5 U	1 U	1 U	1 U	1 U

Table 2 - Groundwater Samples Analytical Results - April 2011 (VOCs)
NCIA OU3 Study Area
NYSDEC Site # 130043

Sample ID			NC1A-MW-10-GW-284-0	NC1A-MW-6-GW-128-0	NC1A-MW-6-GW-128-0DL	NC1A-MW-16S-GW-225-0	NC1A-MW-16D-GW-285-0	NC1A-EW-1B-GW-158-0	NC1A-EW-1C-GW-516-0
Sample Depth			284	128	128	225	285	158	516
Sample Type			Initial	Initial	Dilution	Initial	Initial	Initial	Initial
Lab Sample Number			C1789-06	C1789-07	C1789-07DL	C1789-08	C1789-09	C1789-10	C1789-11
Sampling Date			4/7/2011	4/7/2011	4/7/2011	4/7/2011	4/7/2011	4/8/2011	4/8/2011
Dilution Factor			1	1	5	1	1	1	1
Analyte	CAS #	NYSDEC Class GA Standards (ug/L) ◇	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Chloroethane	75-00-3	50	1 U	1 U	5 U	1 U	1 U	1 U	1 U
Chloroform	67-66-3	7	4.4	1.2	5 U	0.97 J	6.4	1 U	1 U
Chloromethane	74-87-3	5	1 U	1 U	5 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	156-59-2	5	3.4	**7.8**	**5.2** D	1 U	**6.1**	1 J	1 U
cis-1,3-Dichloropropene^	10061-01-5	0.4	1 U	1 U	5 U	1 U	1 U	1 U	1 U
Cyclohexane	110-82-7	-	1 U	1 U	5 U	1 U	1 U	1 U	1 U
Dibromochloromethane	124-48-1	50	1 U	1 U	5 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	75-71-8	5	1 U	1 U	5 U	1 U	1 U	1 U	1 U
Ethyl Benzene	100-41-4	5	1 U	1 U	5 U	1 U	1 U	1 U	1 U
Isopropylbenzene	98-82-8	5	1 U	1 U	5 U	1 U	1 U	1 U	1 U
m/p-Xylenes	179601-23-1	5	2 U	2 U	10 U	2 U	2 U	2 U	2 U
Methyl Acetate	79-20-9	-	1 U	1 U	5 U	1 U	1 U	1 U	1 U
Methyl tert-Butyl Ether	1634-04-4	10	1 U	7.5	5.9 D	1 U	3.6	1 U	1 U
Methylcyclohexane	108-87-2	NA	1 U	1 U	5 U	1 U	1 U	1 U	1 U
Methylene Chloride	75-09-2	5	1 U	1 U	5 U	1 U	1 U	1 U	1 U
o-Xylene	95-47-6	5	1 U	1 U	5 U	1 U	1 U	1 U	1 U
Styrene	100-42-5	5	1 U	1 U	5 U	1 U	1 U	1 U	1 U
t-1,3-Dichloropropene^	10061-02-6	0.4	1 U	1 U	5 U	1 U	1 U	1 U	1 U
Tetrachloroethene	127-18-4	5	**8.5**	**15**	**11** D	1 U	2.7	1.9	1 U
Toluene	108-88-3	5	1 U	1 U	5 U	0.52 J	1 U	1 U	1 U
trans-1,2-Dichloroethene	156-60-5	5	1 U	1 U	5 U	1 U	1 U	1 U	1 U
Trichloroethene	79-01-6	5	**63**	**91**	**77** D	1 U	**29**	1.3	1 U
Trichlorofluoromethane	75-69-4	5	1 U	1 U	5 U	1 U	1 U	1 U	1 U
Vinyl Chloride	75-01-4	2	1 U	1 U	5 U	1 U	1 U	1 U	1 U

Table 2 - Groundwater Samples Analytical Results - April 2011 (VOCs)
NCIA OU3 Study Area
NYSDEC Site # 130043

Sample ID			NC1A-MW-17S-GW-228-0	NC1A-MW-17D-GW-287-0	NC1A-MW-17D-GW-287-0DL	NC1A-MW-15-GW-204-0	NC1A-MW-14-GW-200-0	NC1A-MW-14-GW-200-0DL	NC1A-MW-14-GW-200-1
Sample Depth			228	287	287	204	200	200	200
Sample Type			Initial	Initial	Dilution	Initial	Initial	Dilution	Duplicate
Lab Sample Number			C1789-12	C1789-13	C1789-13DL	C1848-01	C1848-02	C1848-02DL	C1848-03
Sampling Date			4/8/2011	4/8/2011	4/8/2011	4/11/2011	4/11/2011	4/11/2011	4/11/2011
Dilution Factor			1	1	10	1	1	10	1
Analyte	CAS #	NYSDEC Class GA Standards (ug/L) ◇	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1,1,1-Trichloroethane	71-55-6	5	1 U	36	34 D	1 U	1 U	10 U	1 U
1,1,2,2-Tetrachloroethane	79-34-5	5	1 U	23	24 D	1 U	1 U	10 U	1 U
1,1,2-Trichloroethane	79-00-5	1	1 U	5.4	5.9 JD	1 U	1 U	10 U	1 U
1,1,2-Trichlorotrifluoroethane	76-13-1	5	1 U	1 U	10 U	1 U	1 U	10 U	1 U
1,1-Dichloroethane	75-34-3	5	1 U	11	10 U	1 U	1 U	10 U	1 U
1,1-Dichloroethene	75-35-4	5	1 U	1.5	10 U	1 U	1 U	10 U	1 U
1,2,4-Trichlorobenzene	120-82-1	5	1 U	1 U	10 U	1 U	1 U	10 U	1 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	1 U	1 U	10 U	1 U	1 U	10 U	1 U
1,2-Dibromoethane	106-93-4	0.006	1 U	1 U	10 U	1 U	1 U	10 U	1 U
1,2-Dichlorobenzene	95-50-1	3	1 U	1 U	10 U	1 U	1 U	10 U	1 U
1,2-Dichloroethane	107-06-2	0.6	1 U	1 U	10 U	1 U	1 U	10 U	1 U
1,2-Dichloropropane	78-87-5	1	1 U	1 U	10 U	1 U	1 U	10 U	1 U
1,3-Dichlorobenzene	541-73-1	3	1 U	1 U	10 U	1 U	1 U	10 U	1 U
1,4-Dichlorobenzene	106-46-7	3	1 U	1 U	10 U	1 U	1 U	10 U	1 U
2-Butanone	78-93-3	50	5 U	5 U	50 U	5 U	5 U	50 U	5 U
2-Hexanone	591-78-6	50	5 U	5 U	50 U	5 U	5 U	50 U	5 U
4-Methyl-2-Pentanone	108-10-1	-	5 U	5 U	50 U	5 U	5 U	50 U	5 U
Acetone	67-64-1	50	5 U	4.1 J	50 U	5 U	5 U	50 U	5 U
Benzene	71-43-2	1	1 U	1 U	10 U	1 U	1 U	10 U	1 U
Bromodichloromethane	75-27-4	50	1 U	11	9.2 JD	1 U	1 U	10 U	1 U
Bromoform	75-25-2	50	1 U	1.5	10 U	1 U	1 U	10 U	1 U
Bromomethane	74-83-9	5	1 U	1 U	10 U	1 U	1 U	10 U	1 U
Carbon Disulfide	75-15-0	-	1 U	1 U	10 U	1 U	1 U	10 U	1 U
Carbon Tetrachloride	56-23-5	5	1 U	2.7	10 U	1 U	1 U	10 U	1 U
Chlorobenzene	108-90-7	5	1 U	1 U	10 U	1 U	1 U	10 U	1 U

Table 2 - Groundwater Samples Analytical Results - April 2011 (VOCs)
NCIA OU3 Study Area
NYSDEC Site # 130043

Sample ID			NC1A-MW-17S-GW-228-0	NC1A-MW-17D-GW-287-0	NC1A-MW-17D-GW-287-0DL	NC1A-MW-15-GW-204-0	NC1A-MW-14-GW-200-0	NC1A-MW-14-GW-200-0DL	NC1A-MW-14-GW-200-1
Sample Depth			228	287	287	204	200	200	200
Sample Type			Initial	Initial	Dilution	Initial	Initial	Dilution	Duplicate
Lab Sample Number			C1789-12	C1789-13	C1789-13DL	C1848-01	C1848-02	C1848-02DL	C1848-03
Sampling Date			4/8/2011	4/8/2011	4/8/2011	4/11/2011	4/11/2011	4/11/2011	4/11/2011
Dilution Factor			1	1	10	1	1	10	1
Analyte	CAS #	NYSDEC Class GA Standards (ug/L) ◇	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Chloroethane	75-00-3	50	1 U	1 U	10 U	1 U	1 U	10 U	1 U
Chloroform	67-66-3	7	1 U	**54**	**57** D	1 U	1 U	10 U	1 U
Chloromethane	74-87-3	5	1 U	1.4	10 U	1 U	1 U	10 U	1 U
cis-1,2-Dichloroethene	156-59-2	5	1 U	**630** E	**830** D	1 U	**23**	**23** D	**23**
cis-1,3-Dichloropropene^	10061-01-5	0.4	1 U	1 U	10 U	1 U	1 U	10 U	1 U
Cyclohexane	110-82-7	-	1 U	1 U	10 U	1 U	1 U	10 U	1 U
Dibromochloromethane	124-48-1	50	1 U	6.2	5.4 JD	1 U	1 U	10 U	1 U
Dichlorodifluoromethane	75-71-8	5	1 U	**15**	**16** D	1 U	0.75 J	10 U	0.8 J
Ethyl Benzene	100-41-4	5	1 U	1 U	10 U	1 U	1 U	10 U	1 U
Isopropylbenzene	98-82-8	5	1 U	1 U	10 U	1 U	1 U	10 U	1 U
m/p-Xylenes	179601-23-1	5	2 U	2 U	20 U	2 U	2 U	20 U	2 U
Methyl Acetate	79-20-9	-	1 U	1 U	10 U	1 U	1 U	10 U	1 U
Methyl tert-Butyl Ether	1634-04-4	10	1 U	1 U	10 U	2.7	1.6	10 U	1.7
Methylcyclohexane	108-87-2	NA	1 U	1 U	10 U	1 U	1 U	10 U	1 U
Methylene Chloride	75-09-2	5	1 U	1 U	10 U	1 U	1 U	10 U	1 U
o-Xylene	95-47-6	5	1 U	1 U	10 U	1 U	1 U	10 U	1 U
Styrene	100-42-5	5	1 U	1 U	10 U	1 U	1 U	10 U	1 U
t-1,3-Dichloropropene^	10061-02-6	0.4	1 U	1 U	10 U	1 U	1 U	10 U	1 U
Tetrachloroethene	127-18-4	5	1 U	**530** E	**610** D	1 U	**330** E	**380** D	**350** E
Toluene	108-88-3	5	1 U	1 U	10 U	1 U	1 U	10 U	1 U
trans-1,2-Dichloroethene	156-60-5	5	1 U	**40**	41 D	1 U	1 U	10 U	1 U
Trichloroethene	79-01-6	5	1 U	**580** E	**740** D	1 U	**30**	**30** D	**31**
Trichlorofluoromethane	75-69-4	5	1 U	1 U	10 U	1 U	1 U	10 U	1 U
Vinyl Chloride	75-01-4	2	1 U	1 U	10 U	1 U	1 U	10 U	1 U

Table 2 - Groundwater Samples Analytical Results - April 2011 (VOCs)
NCIA OU3 Study Area
NYSDEC Site # 130043

Sample ID			NC1A-MW-14-GW-200-1DL	NC1A-FSMW-13B-GW-128-0	NC1A-FSMW-13B-GW-128-0DL	NC1A-FSMW-13C-GW-249-0	NC1A-FSMW-13C-GW-249-0DL	NC1A-FSMW-14A-GW-139-0	NC1A-FSMW-14A-GW-139-0DL
Sample Depth			200	128	128	249	249	139	139
Sample Type			Dilution	Initial	Dilution	Initial	Dilution	Initial	Dilution
Lab Sample Number			C1848-03DL	C1848-04	C1848-04DL	C1848-07	C1848-07DL	C1848-10	C1848-10DL
Sampling Date			4/11/2011	4/11/2011	4/11/2011	4/11/2011	4/11/2011	4/12/2011	4/12/2011
Dilution Factor			10	1	5	1	10	1	500
Analyte	CAS #	NYSDEC Class GA Standards (ug/L) ◇	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
1,1,1-Trichloroethane	71-55-6	5	10 U	1 U	5 U	1 U	10 U	1 U	500 U
1,1,2,2-Tetrachloroethane	79-34-5	5	10 U	1 U	5 U	1 U	10 U	1 U	500 U
1,1,2-Trichloroethane	79-00-5	1	10 U	1 U	5 U	1 U	10 U	1 U	500 U
1,1,2-Trichlorotrifluoroethane	76-13-1	5	10 U	1 U	5 U	1 U	10 U	1 U	500 U
1,1-Dichloroethane	75-34-3	5	10 U	1 U	5 U	1.8	10 U	1 U	500 U
1,1-Dichloroethene	75-35-4	5	10 U	1 U	5 U	2.9	10 U	2.2	500 U
1,2,4-Trichlorobenzene	120-82-1	5	10 U	1 U	5 U	1 U	10 U	3.6	500 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	10 U	1 U	5 U	1 U	10 U	1 U	500 U
1,2-Dibromoethane	106-93-4	0.006	10 U	1 U	5 U	1 U	10 U	1 U	500 U
1,2-Dichlorobenzene	95-50-1	3	10 U	1 U	5 U	1 U	10 U	1.1	500 U
1,2-Dichloroethane	107-06-2	0.6	10 U	1 U	5 U	1 U	10 U	1 U	500 U
1,2-Dichloropropane	78-87-5	1	10 U	1 U	5 U	1 U	10 U	1 U	500 U
1,3-Dichlorobenzene	541-73-1	3	10 U	1 U	5 U	1 U	10 U	1 U	500 U
1,4-Dichlorobenzene	106-46-7	3	10 U	1 U	5 U	1 U	10 U	1 U	500 U
2-Butanone	78-93-3	50	50 U	5 U	25 U	5 U	50 U	5 U	2500 U
2-Hexanone	591-78-6	50	50 U	5 U	25 U	5 U	50 U	5 U	2500 U
4-Methyl-2-Pentanone	108-10-1	-	50 U	5 U	25 U	5 U	50 U	5 U	2500 U
Acetone	67-64-1	50	50 U	5 U	25 U	5 U	50 U	5 U	2500 U
Benzene	71-43-2	1	10 U	1 U	5 U	1 U	10 U	1 U	500 U
Bromodichloromethane	75-27-4	50	10 U	1 U	5 U	1 U	10 U	1 U	500 U
Bromoform	75-25-2	50	10 U	1 U	5 U	1 U	10 U	1 U	500 U
Bromomethane	74-83-9	5	10 U	1 U	5 U	1 U	10 U	1 U	500 U
Carbon Disulfide	75-15-0	-	10 U	1 U	5 U	1 U	10 U	1 U	500 U
Carbon Tetrachloride	56-23-5	5	10 U	1 U	5 U	13	13 D	1 U	500 U
Chlorobenzene	108-90-7	5	10 U	1 U	5 U	1 U	10 U	2.8	500 U

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Table 2 - Groundwater Samples Analytical Results - April 2011 (VOCs)
NCIA OU3 Study Area
NYSDEC Site # 130043

Sample ID			NC1A-MW-14-GW-200-1DL	NC1A-FSMW-13B-GW-128-0	NC1A-FSMW-13B-GW-128-0DL	NC1A-FSMW-13C-GW-249-0	NC1A-FSMW-13C-GW-249-0DL	NC1A-FSMW-14A-GW-139-0	NC1A-FSMW-14A-GW-139-0DL
Sample Depth			200	128	128	249	249	139	139
Sample Type			Dilution	Initial	Dilution	Initial	Dilution	Initial	Dilution
Lab Sample Number			C1848-03DL	C1848-04	C1848-04DL	C1848-07	C1848-07DL	C1848-10	C1848-10DL
Sampling Date			4/11/2011	4/11/2011	4/11/2011	4/11/2011	4/11/2011	4/12/2011	4/12/2011
Dilution Factor			10	1	5	1	10	1	500
Analyte	CAS #	NYSDEC Class GA Standards (ug/L) ◇	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
Chloroethane	75-00-3	50	10 U	1 U	5 U	1 U	10 U	1 U	500 U
Chloroform	67-66-3	7	10 U	1 U	5 U	2.7	10 U	1 U	500 U
Chloromethane	74-87-3	5	10 U	1 U	5 U	1 U	10 U	1 U	500 U
cis-1,2-Dichloroethene	156-59-2	5	**24** D	**6.1**	**5.7** D	**61**	**71** D	**500** E	**600** D
cis-1,3-Dichloropropene^	10061-01-5	0.4	10 U	1 U	5 U	1 U	10 U	1 U	500 U
Cyclohexane	110-82-7	-	10 U	1 U	5 U	1 U	10 U	1 U	500 U
Dibromochloromethane	124-48-1	50	10 U	1 U	5 U	1 U	10 U	1 U	500 U
Dichlorodifluoromethane	75-71-8	5	10 U	1 U	5 U	1 U	10 U	1 U	500 U
Ethyl Benzene	100-41-4	5	10 U	1 U	5 U	1 U	10 U	1 U	500 U
Isopropylbenzene	98-82-8	5	10 U	1 U	5 U	1 U	10 U	1 U	500 U
m/p-Xylenes	179601-23-1	5	20 U	2 U	10 U	2 U	20 U	2 U	1000 U
Methyl Acetate	79-20-9	-	10 U	1 U	5 U	1 U	10 U	1 U	500 U
Methyl tert-Butyl Ether	1634-04-4	10	10 U	0.69 J	5 U	1 U	10 U	1.4	500 U
Methylcyclohexane	108-87-2	NA	10 U	1 U	5 U	1 U	10 U	1 U	500 U
Methylene Chloride	75-09-2	5	10 U	1 U	5 U	1 U	10 U	1 U	500 U
o-Xylene	95-47-6	5	10 U	1 U	5 U	1 U	10 U	1 U	500 U
Styrene	100-42-5	5	10 U	1 U	5 U	1 U	10 U	1 U	500 U
t-1,3-Dichloropropene^	10061-02-6	0.4	10 U	1 U	5 U	1 U	10 U	1 U	500 U
Tetrachloroethene	127-18-4	5	**400** D	**240** E	**260** D	**25**	**34** D	**12000** E	**16000** D
Toluene	108-88-3	5	10 U	1 U	5 U	1 U	10 U	1.1	500 U
trans-1,2-Dichloroethene	156-60-5	5	10 U	1 U	5 U	1.1	10 U	**6.7**	500 U
Trichloroethene	79-01-6	5	**30** D	**17**	**15** D	**330** E	**410** D	**1800** E	**1800** D
Trichlorofluoromethane	75-69-4	5	10 U	1 U	5 U	1 U	10 U	1 U	500 U
Vinyl Chloride	75-01-4	2	10 U	1 U	5 U	1 U	10 U	1 U	500 U

Table 2 - Groundwater Samples Analytical Results - April 2011 (VOCs)
NCIA OU3 Study Area
NYSDEC Site # 130043

Sample ID			NC1A-FSMW-14B-GW-167-0	NC1A-FSMW-14B-GW-167-0DL	NC1A-FSMW-14C-GW-251-0
Sample Depth			167	167	251
Sample Type			Initial	Dilution	Initial
Lab Sample Number			C1848-11	C1848-11DL	C1848-12
Sampling Date			4/12/2011	4/12/2011	4/12/2011
Dilution Factor			1	10	1
Analyte	CAS #	NYSDEC Class GA Standards (ug/L) ◇	ug/L	ug/L	ug/L
1,1,1-Trichloroethane	71-55-6	5	**22**	**24** D	1 U
1,1,2,2-Tetrachloroethane	79-34-5	5	1 U	10 U	1 U
1,1,2-Trichloroethane	79-00-5	1	1 U	10 U	1 U
1,1,2-Trichlorotrifluoroethane	76-13-1	5	1 U	10 U	1 U
1,1-Dichloroethane	75-34-3	5	2.7	10 U	**5.4**
1,1-Dichloroethene	75-35-4	5	**8.3**	**9.9** JD	3
1,2,4-Trichlorobenzene	120-82-1	5	1 U	10 U	1 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	1 U	10 U	1 U
1,2-Dibromoethane	106-93-4	0.006	1 U	10 U	1 U
1,2-Dichlorobenzene	95-50-1	3	1 U	10 U	1 U
1,2-Dichloroethane	107-06-2	0.6	1 U	10 U	1 U
1,2-Dichloropropane	78-87-5	1	1 U	10 U	1 U
1,3-Dichlorobenzene	541-73-1	3	1 U	10 U	1 U
1,4-Dichlorobenzene	106-46-7	3	1 U	10 U	1 U
2-Butanone	78-93-3	50	5 U	50 U	5 U
2-Hexanone	591-78-6	50	5 U	50 U	5 U
4-Methyl-2-Pentanone	108-10-1	-	5 U	50 U	5 U
Acetone	67-64-1	50	5 U	50 U	5 U
Benzene	71-43-2	1	1 U	10 U	1 U
Bromodichloromethane	75-27-4	50	1 U	10 U	1 U
Bromoform	75-25-2	50	1 U	10 U	1 U
Bromomethane	74-83-9	5	1 U	10 U	1 U
Carbon Disulfide	75-15-0	-	1 U	10 U	1 U
Carbon Tetrachloride	56-23-5	5	1 U	10 U	**7.3**
Chlorobenzene	108-90-7	5	1 U	10 U	1 U

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Table 2 - Groundwater Samples Analytical Results - April 2011 (VOCs)
NCIA OU3 Study Area
NYSDEC Site # 130043

Sample ID			NC1A-FSMW-14B-GW-167-0	NC1A-FSMW-14B-GW-167-0DL	NC1A-FSMW-14C-GW-251-0
Sample Depth			167	167	251
Sample Type			Initial	Dilution	Initial
Lab Sample Number			C1848-11	C1848-11DL	C1848-12
Sampling Date			4/12/2011	4/12/2011	4/12/2011
Dilution Factor			1	10	1
Analyte	CAS #	NYSDEC Class GA Standards (ug/L) ◇	ug/L	ug/L	ug/L
Chloroethane	75-00-3	50	1 U	10 U	1 U
Chloroform	67-66-3	7	1 U	10 U	2
Chloromethane	74-87-3	5	1 U	10 U	1 U
cis-1,2-Dichloroethene	156-59-2	5	1.2	10 U	**15**
cis-1,3-Dichloropropene^	10061-01-5	0.4	1 U	10 U	1 U
Cyclohexane	110-82-7	-	1 U	10 U	1 U
Dibromochloromethane	124-48-1	50	1 U	10 U	1 U
Dichlorodifluoromethane	75-71-8	5	1 U	10 U	1 U
Ethyl Benzene	100-41-4	5	1 U	10 U	1 U
Isopropylbenzene	98-82-8	5	1 U	10 U	1 U
m/p-Xylenes	179601-23-1	5	2 U	20 U	2 U
Methyl Acetate	79-20-9	-	1 U	10 U	1 U
Methyl tert-Butyl Ether	1634-04-4	10	1 U	10 U	1 U
Methylcyclohexane	108-87-2	NA	1 U	10 U	1 U
Methylene Chloride	75-09-2	5	1 U	10 U	1 U
o-Xylene	95-47-6	5	1 U	10 U	1 U
Styrene	100-42-5	5	1 U	10 U	1 U
t-1,3-Dichloropropene^	10061-02-6	0.4	1 U	10 U	1 U
Tetrachloroethene	127-18-4	5	**510** E	**640** D	**5.5**
Toluene	108-88-3	5	0.53 J	10 U	1 U
trans-1,2-Dichloroethene	156-60-5	5	1 U	10 U	1 U
Trichloroethene	79-01-6	5	**7.6**	**8.3** JD	**66**
Trichlorofluoromethane	75-69-4	5	1 U	10 U	1 U
Vinyl Chloride	75-01-4	2	1 U	10 U	1 U

Table 2 - Groundwater Samples Analytical Results - April 2011 (VOCs)
NCIA OU3 Study Area
NYSDEC Site # 130043

Notes:

◊ - NYSDEC TOGS 1.1.1 Class Ga Groundwater Standards

U - The compound was not detected at the indicated concentration.

J - Data indicates the presence of a compound that meets the identification criteria. The result is less than the quantitation limit but greater than MDL. The concentration given is an approximate value.

B - The analyte was found in the laboratory blank as well as the sample. This indicates possible laboratory contamination of the environmental sample.

P - For dual column analysis, the percent difference between the quantitated concentrations on the two columns is greater than 40%.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

E (Organics) - Indicates the analyte's concentration exceeds the calibrated range of the instrument for that specific analysis.

E (Inorganics) - The reported value is estimated because of the presence of interference.

D - The reported value is from a secondary analysis with a dilution factor. The original analysis exceeded the calibration range.

* - For dual column analysis, the lowest quantitated concentration is being reported due to coeluting interference.

NR - Not analyzed

^ - Applies to the sum of cis- and trans-1,3-dichloropropene, CAS Nos. 10061-01-5 and 10061-02-6, respectively.

Values that are bold and underlined exceed NYSDEC TOGS 1.1.1 Class Ga Groundwater Standards, example **10**

Table 4-2
Volatile Organic Compounds in Groundwater Samples Collected from Monitoring Wells
GTE Operations Support Incorporated
Former Sylvania Electric Products Incorporated Facility
Hicksville, New York

Chemical of Potential Concern	NYSDEC GA Standard (ug/L)	Sample ID and Analytical Result (ug/L)																			
		MW-03	MW-04	MW-08	MW-09	MW-10	MW-11	MW-12	MW-13D	MW-13S	MW-14D	MW-14DD	MW-14S	MW-15D	MW-15DD	MW-15S	MW-16D	MW-16S	MW-17S	MW-18I	MW-18S
		04/06/10	04/07/10	04/06/10	04/08/10	04/08/10	04/07/10	04/07/10	04/02/10	03/24/10	03/23/10	03/22/10	03/22/10	03/23/10	03/23/10	03/23/10	04/07/10	04/07/10	03/23/10	03/31/10	04/01/10
1,1,1,2-Tetrachloroethane	5	1 U	9.1 U	1 U	11 U	40 U	11 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	5	1 U	9.1 U	1 U	11 U	40 U	11 U	4 U	1 U	1 U	0.43 J	1 U	1 U	1 U	1 U	1 U	0.74 J	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5	1 U	9.1 U	1 U	11 U	40 U	11 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1	1 U	9.1 U	1 U	11 U	40 U	11 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5	1 U	9.1 U	1 U	11 U	40 U	11 U	4 U	1 U	1 U	0.55 J	1 U	1 U	1 U	1 U	1 U	1.1	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5	1 U	9.1 U	1 U	11 U	40 U	11 U	4 U	1 U	1 U	0.34 J	1 U	1 U	1 U	1 U	1 U	0.48 J	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	3	1 U	9.1 U	1 U	11 U	40 U	11 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6	1 U	9.1 U	1 U	11 U	40 U	11 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	1	1 U	9.1 U	1 U	11 U	40 U	11 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	3	1 U	9.1 U	1 U	11 U	40 U	11 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	3	1 U	9.1 U	1 U	11 U	40 U	11 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dioxane (Method 8260)	NA	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
1,4-Dioxane (Method 8270)	NA	1.9	1 U	0.19 J	1 U	1 U	1 U	0.18 J	--	--	--	--	--	--	--	--	--	--	--	--	1 U
2-Butanone	50	10 U	91 U	10 U	110 U	400 U	110 U	40 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone*	50	10 U	91 U	10 U	110 U	400 U	110 U	40 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (MIBK)	NA	10 U	91 U	10 U	110 U	400 U	110 U	40 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetone*	50	10 U	91 U	10 U	110 U	400 U	110 U	40 U	10 U	10 U	10 U	3.5 J	10 U	10 U	10 U	10 U	10 U	2.7 J	10 U	10 U	10 UJ
Benzene	1	1 U	9.1 U	1 U	11 U	40 U	11 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane*	50	1 U	9.1 U	1 U	11 U	40 U	11 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform*	50	1 U	9.1 U	1 U	11 U	40 U	11 U	4 U	1 U	1 U	1 U	0.97 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ
Bromomethane	5	1 U	9.1 U	1 U	11 U	40 U	11 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ
Carbon disulfide	NA	1 U	9.1 U	1 U	11 U	40 U	11 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 U	1 U
Carbon tetrachloride	5	1 UJ	9.1 UJ	1 UJ	11 UJ	40 UJ	11 UJ	4 UJ	1 UJ	1 U	1 U	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U
Chlorobenzene	5	1 U	9.1 U	1 U	11 U	40 U	11 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5	1 U	9.1 U	1 U	11 U	40 U	11 U	4 U	1 U	1 UJ	1 UJ	1 U	1 U	1 UJ	1 UJ	1 UJ	1 U	1 U	1 UJ	1 U	1 UJ
Chloroform	7	1 U	9.1 U	1 U	11 U	40 U	11 U	9.5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3.6	1 U	0.48 J	1 U	14	0.97 J
Chloromethane	NA	1 U	9.1 U	1 U	11 U	40 U	11 U	4 U	0.37 J	1 UJ	1 UJ	1 U	1 U	1 UJ	1 UJ	1 UJ	1 U	1 U	1 UJ	1 U	1 U
cis-1,2-Dichloroethene	5	1.3	9.1 U	1 U	11 U	40 U	11 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene**	0.4	1 U	9.1 U	1 U	11 U	40 U	11 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5	1 U	9.1 U	1 U	11 U	40 U	11 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	5	1 U	9.1 U	1 U	11 U	40 U	11 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5	1 U	9.1 U	1 U	11 U	40 U	11 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5	39	330	10	420	1400	420	150 J	0.36 J	1 U	1 U	1 U	1 U	1 U	1 U	0.2 J	0.23 J	1 U	1.3	1 U	1.9
Toluene	5	1 U	9.1 U	1 U	11 U	40 U	11 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5	1 U	9.1 U	1 U	11 U	40 U	11 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene**	0.4	1 U	9.1 U	1 U	11 U	40 U	11 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5	1.7	2.6 J	0.91 J	11 U	40 U	11 U	2.2 J	1 U	1 U	0.42 J	1 U	1 U	1 U	1 U	1 U	1.9	1 U	1 U	1 U	1 U
Vinyl chloride	2	1 U	9.1 U	1 U	11 U	40 U	11 U	4 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes (total)	NA	2 U	18 U	2 U	22 U	80 U	22 U	8 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U

=above applicable standard or MCL

* Guidance Value

**Sum of these compounds can not exceed 0.4 ug/L.

NA= not applicable

--=Not Analyzed

"B" Associated with a result if the compound was also identified in the corresponding method blank.

"E" This flag identifies compounds whose concentrations exceed the calibration range of the instrument for the specific analysis; data qualified with an "E" are qualitative only and not reliable for quantitative purposes. All results qualified with an "E" were required to be re-analyzed using an applicable dilution and re-reported.

"D" This flag identifies compounds whose concentration is from a secondary dilution analysis.

"U" The compound was analyzed for, but was not detected above the reporting limit.

"J" The compound was positively identified; the associated numerical value is the approximate concentration of the compound in the sample.

"N" The analysis indicates the presence of a compound for which there is presumptive evidence to make a "tentative identification".

"NJ" The analysis indicates the presence of a compound that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

"UJ" The compound was not detected above the reporting limit. However, the reporting limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the compound in the sample.

R" The sample result is "rejected" due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The result is unusable. The presence or absence of the compound cannot be verified.

Table 4-2
Volatile Organic Compounds in Groundwater Samples Collected from Monitoring Wells
GTE Operations Support Incorporated
Former Sylvania Electric Products Incorporated Facility
Hicksville, New York

Chemical of Potential Concern	NYSDEC GA Standard (ug/L)	Sample ID and Analytical Result (ug/L)																				
		MW-19D	MW-19S	MW-20D	MW-20I	MW-20S	MW-21D	MW-21I	MW-21S	MW-22D	MW-22I	MW-22S	MW-23D	MW-23I	MW-23S	MW-24D	MW-24S	MW-25D	MW-25I	MW-25S	MW-26D	MW-26I
		03/31/10	03/24/10	04/05/10	04/01/10	04/01/10	03/24/10	03/24/10	03/24/10	04/01/10	04/01/10	03/31/10	03/31/10	03/29/10	03/29/10	03/31/10	03/31/10	03/31/10	03/31/10	03/31/10	03/29/10	03/31/10
1,1,1,2-Tetrachloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	62 U	1 U	1 U	1 U	1 U	1.4 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	5	1.2	1 U	1 U	1 U	1 U	0.25 J	0.43 J	1 U	1 U	1 U	62 U	0.66 J	1 U	1 U	1.9	1.4 U	1 U	0.88 J	0.88 J	1	1 U
1,1,2,2-Tetrachloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	62 U	1 U	1 U	1 U	1 U	1.4 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	62 U	1 U	1 U	1 U	1 U	1.4 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5	1.5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	62 U	1.1	0.25 J	1 U	2.6	1.4 U	1 U	1 U	1 U	1.2	1 U
1,1-Dichloroethene	5	1.2	1 U	1 U	1 U	1 U	0.21 J	1 U	1 U	1 U	1 U	62 U	0.64 J	1 U	1 U	1.8	1.4 U	1 U	0.77 J	0.92 J	1	1 U
1,2-Dichlorobenzene	3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	62 U	1 U	1 U	1 U	1 U	1.4 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	62 U	1 U	1 U	1 U	0.21 J	1.4 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	62 U	1 U	1 U	1 U	1 U	1.4 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	62 U	1 U	1 U	1 U	1 U	1.4 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	62 U	1 U	1 U	1 U	1 U	1.4 U	1 U	1 U	1 U	1 U	1 U
1,4-Dioxane (Method 8260)	NA	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
1,4-Dioxane (Method 8270)	NA	--	--	--	--	1 U	--	--	--	--	--	1 U	--	--	--	--	--	--	--	--	--	--
2-Butanone	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	620 U	10 U	0.97 J	10 U	10 U	14 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone*	50	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	620 U	10 U	10 U	10 U	10 U	14 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (MIBK)	NA	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	620 U	10 U	10 U	10 U	10 U	14 U	10 U	10 U	10 U	10 U	10 U
Acetone*	50	10 U	10 U	10 U	10 UJ	10 UJ	10 U	10 U	0.74 J	10 U	10 U	620 U	10 UJ	10 U	10 U	10 UJ	14 UJ	10 UJ	10 UJ	10 UJ	10 U	10 UJ
Benzene	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	62 U	0.33 J	1 U	1 U	1 U	1.4 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane*	50	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	62 U	1 U	1 U	1 U	1 U	1.4 U	1 U	1 U	1 U	1 U	1 U
Bromoform*	50	1 UJ	1 U	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U	1 U	62 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1.4 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
Bromomethane	5	1 U	1 U	1 U	1 UJ	1 UJ	1 U	1 U	1 U	1 U	1 U	62 U	1 UJ	1 U	1 U	1 UJ	1.4 UJ	1 UJ	1 UJ	1 UJ	1 U	1 UJ
Carbon disulfide	NA	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	62 U	0.61 J	1 U	1 U	1 U	1.4 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	62 U	1 U	1 U	1 U	1 U	1.4 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	62 U	1 U	1 U	0.21 J	1 U	1.4 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5	1 U	1 UJ	1 U	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	62 U	1 UJ	1 U	1 U	1 UJ	1.4 UJ	1 UJ	1 UJ	1 UJ	1 U	1 UJ
Chloroform	7	1 U	1 U	2	9.9	0.57 J	1 U	1 U	1 U	3	16	62 U	0.43 J	1 U	1 U	0.18 J	1.4 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	NA	1 U	1 J	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ	62 U	0.17 J	1 U	1 U	1 U	1.4 U	1 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	62 U	1 U	1 U	1 U	1 U	1.4 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene**	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	62 U	1 U	1 U	1 U	1 U	1.4 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	62 U	1 U	1 U	1 U	1 U	1.4 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	62 U	1 U	1 U	1 U	1 U	1.4 U	1 U	1 U	1 U	1 U	1 U
Styrene	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	62 U	1 U	1 U	1 U	1 U	1.4 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5	0.64 J	0.61 J	0.26 J	1 U	5.1	0.4 J	1 U	1 U	4.4	1 U	1800	2	0.32 J	0.66 J	1.6	31	0.25 J	1 U	1 U	1.1	0.19 J
Toluene	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	62 U	1 U	1 U	1 U	1 U	1.4 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	62 U	1 U	1 U	1 U	1 U	1.4 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene**	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	62 U	1 U	1 U	1 U	1 U	1.4 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5	2.6	1 U	1 U	1 U	1 U	0.47 J	1 U	1 U	1 U	1 U	91	0.89 J	0.34 J	1 U	7.4	1.4 U	1 U	1 U	1 U	2.2	1 U
Vinyl chloride	2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	62 U	1 U	1 U	1 U	1 U	1.4 U	1 U	1 U	1 U	1 U	1 U
Xylenes (total)	NA	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	120 U	2 U	2 U	2 U	2 U	2.9 U	2 U	2 U	2 U	2 U	2 U

* Guidance Value

**Sum of these compounds can not exceed 0.4 ug/L.

NA= not applicable

--=Not Analyzed

Table 4-2
Volatile Organic Compounds in Groundwater Samples Collected from Monitoring Wells
GTE Operations Support Incorporated
Former Sylvania Electric Products Incorporated Facility
Hicksville, New York

Chemical of Potential Concern	NYSDEC GA Standard (ug/L)	Sample ID and Analytical Result (ug/L)																				
		MW-27D	MW-27S	MW-28D	MW-28I	MW-28S	MW-29S	MW-30D	MW-30I	MW-30S	MW-31D	MW-31I	MW-32D	MW-33D	MW-33S	MW-34D	MW-34S	MW-39S	MW-41S	MW-42I	MW-43S	MW-44S	MW-49S
		04/02/10	04/07/10	03/31/10	03/31/10	03/31/10	03/23/10	04/01/10	04/02/10	04/01/10	04/01/10	04/01/10	03/23/10	04/02/10	04/02/10	04/05/10	04/05/10	03/24/10	03/31/10	04/01/10	04/01/10	04/01/10	03/31/10
1,1,1,2-Tetrachloroethane	5	1 U	1 U	1 U	1 U	11 U	11 U	1 U	2.2 U	1 U	1.4 U	1 U	1 U	2.5 U	3.3 U	1 U	1 U	33 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	5	2	1 U	1 U	1 U	11 U	11 U	6.4	72	1 U	1.4 U	1.4	1 U	2.5 U	3.3 U	0.3 J	1 U	33 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5	1 U	1 U	1 U	1 U	11 U	11 U	1 U	2.2 U	1 U	1.4 U	1 U	1 U	2.5 U	3.3 U	1 U	1 U	33 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1	1 U	1 U	1 U	1 U	11 U	11 U	1 U	2.5	1 U	1.4 U	1 U	1 U	2.5 U	3.3 U	1 U	1 U	33 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5	2	1 U	1 U	1 U	11 U	11 U	0.27 J	2.5	1 U	1.4 U	0.4 J	1 U	2.5 U	3.3 U	0.57 J	1 U	33 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5	1.3	1 U	1 U	1 U	11 U	11 U	3.8	48	1 U	1.4 U	0.86 J	1 U	2.5 U	3.3 U	0.22 J	1 U	33 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	3	1 U	1 U	1 U	1 U	11 U	11 U	1 U	2.2 U	1 U	1.4 U	1 U	1 U	2.5 U	3.3 U	1 U	1 U	33 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6	1 U	1 U	1 U	1 U	11 U	11 U	1 U	1 J	1 U	1.4 U	1 U	1 U	2.5 U	3.3 U	1 U	1 U	33 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	1	1 U	1 U	1 U	1 U	11 U	11 U	1 U	2.2 U	1 U	1.4 U	1 U	1 U	2.5 U	3.3 U	1 U	1 U	33 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	3	1 U	1 U	1 U	1 U	11 U	11 U	1 U	2.2 U	1 U	1.4 U	1 U	1 U	2.5 U	3.3 U	1 U	1 U	33 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	3	1 U	1 U	1 U	1 U	11 U	11 U	1 U	2.2 U	1 U	1.4 U	1 U	1 U	2.5 U	3.3 U	1 U	1 U	33 U	1 U	1 U	1 U	1 U	1 U
1,4-Dioxane (Method 8260)	NA	R	R	R	R	R	R	R	R	R	2100 J	R	R	R	R	R	R	R	R	R	R	R	R
1,4-Dioxane (Method 8270)	NA	--	--	--	--	1 U	--	--	--	--	--	--	--	--	1 U	--	--	--	--	0.22 J	1 U	--	--
2-Butanone	50	10 U	10 U	10 U	10 U	110 U	110 U	10 U	22 U	10 U	14 U	10 U	10 U	25 U	33 U	10 U	10 U	330 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone*	50	10 U	10 U	10 U	10 U	110 U	110 U	10 U	22 U	10 U	14 U	10 U	10 U	25 U	33 U	10 U	10 U	330 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (MIBK)	NA	10 U	10 U	10 U	10 U	110 U	110 U	10 U	22 U	10 U	14 U	10 U	10 U	25 U	33 U	10 U	10 U	330 U	10 U	10 U	10 U	10 U	10 U
Acetone*	50	10 U	2.6 J	10 U	10 UJ	110 UJ	110 U	10 U	22 U	10 U	14 U	10 U	10 U	25 U	33 U	10 U	10 U	330 U	10 UJ	10 UJ	10 UJ	10 U	10 UJ
Benzene	1	1 U	1 U	1 U	1 U	11 U	11 U	1 U	2.2 U	1 U	1.4 U	1 U	1 U	2.5 U	3.3 U	1 U	1 U	33 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane*	50	1 U	1 U	1 U	1 U	11 U	11 U	1 U	2.2 U	1 U	1.4 U	1 U	1 U	2.5 U	3.3 U	1 U	1 U	33 U	1 U	1 U	1 U	1 U	1 U
Bromoform*	50	1 U	1 U	1 U	1 UJ	11 UJ	11 U	1 U	2.2 U	1 U	1.4 U	1 U	1 U	2.5 U	3.3 U	1 U	1 U	33 U	1 UJ	1 UJ	1 UJ	1 U	1 UJ
Bromomethane	5	1 U	1 U	1 U	1 UJ	11 UJ	11 U	1 U	2.2 U	1 U	1.4 U	1 U	1 U	2.5 U	3.3 U	1 U	1 U	33 U	1 UJ	1 UJ	1 UJ	1 U	1 UJ
Carbon disulfide	NA	1 U	1 U	1 U	1 U	11 U	11 U	1 U	2.2 U	1 U	1.4 U	1 U	1 U	2.5 U	3.3 U	1 U	1 U	33 U	1 U	1 U	1 U	1 U	1 U
Carbon tetrachloride	5	1 UJ	1 UJ	1 U	1 U	11 U	11 U	1 UJ	2.2 UJ	1 U	1.4 U	1 UJ	1 U	2.5 UJ	3.3 UJ	1 UJ	1 UJ	33 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5	1 U	1 U	1 U	1 U	11 U	11 U	1 U	2.2 U	1 U	1.4 U	1 U	1 U	2.5 U	3.3 U	1 U	1 U	33 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5	1 U	1 U	1 UJ	1 UJ	11 UJ	11 UJ	1 U	2.2 U	1 UJ	1.3 UJ	1 U	1 UJ	2.5 U	3.3 U	1 U	1 U	33 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ
Chloroform	7	0.2 J	1 U	3.1	11	2.1 J	11 U	1 U	2.2 U	1 U	1.4 U	1 U	1.3	2.5 U	3.3 U	0.29 J	1 U	33 U	0.39 J	18	7	1 U	1 U
Chloromethane	NA	1 U	1 U	1 UJ	1 U	11 U	11 UJ	1 U	2.2 U	1 UJ	1.4 UJ	1 U	1 UJ	2.5 U	3.3 U	1 U	1 U	33 UJ	1 U	1 U	1 U	1 UJ	1 U
cis-1,2-Dichloroethene	5	1 U	1 U	1 U	1 U	11 U	4.5 J	0.21 J	3.8	1 U	1.4 U	1 U	1 U	0.59 J	3.3 U	1 U	1 U	33 U	1 U	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene**	0.4	1 U	1 U	1 U	1 U	11 U	11 U	1 U	2.2 U	1 U	1.4 U	1 U	1 U	2.5 U	3.3 U	1 U	1 U	33 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	5	1 U	1 U	1 U	1 U	11 U	11 U	1 U	2.2 U	1 U	1.4 U	1 U	1 U	2.5 U	3.3 U	1 U	1 U	33 U	1 U	1 U	1 U	1 U	1 U
Methylene chloride	5	1 U	1 U	1 U	1 U	11 U	11 U	1 U	2.2 U	1 U	1.4 U	1 U	1 U	2.5 U	3.3 U	1 U	1 U	33 U	1 U	1 U	1 U	1 U	1 U
Styrene	5	1 U	1 U	1 U	1 U	11 U	11 U	1 U	2.2 U	1 U	1.4 U	1 U	1 U	2.5 U	3.3 U	1 U	1 U	33 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethene	5	1.2	6.1	6.7	3.3	320	320	0.32 J	1.2 J	1.1	1.4 U	0.82 J	23	87	120	2.1	1 U	870	7.2	1 U	8.6	40	1 U
Toluene	5	1 U	1 U	1 U	0.44 J	11 U	11 U	1 U	2.2 U	1 U	1.4 U	1 U	1 U	2.5 U	3.3 U	1 U	1 U	33 U	1 U	1 U	1 U	1 U	1 U
trans-1,2-Dichloroethene	5	1 U	1 U	1 U	1 U	11 U	11 U	1 U	2.2 U	1 U	1.4 U	1 U	1 U	2.5 U	3.3 U	1 U	1 U	33 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene**	0.4	1 U	1 U	1 U	1 U	11 U	11 U	1 U	2.2 U	1 U	1.4 U	1 U	1 U	2.5 U	3.3 U	1 U	1 U	33 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5	8.5	1 U	0.51 J	1 U	11 U	11 U	1.1	39	1 U	1.4 U	3.2	0.78 J	2.5 U	3.3 U	1 U	1 U	33 U	1 U	1 U	1 U	0.48 J	1 U
Vinyl chloride	2	1 U	1 U	1 U	1 U	11 U	11 U	1 U	2.2 U	1 U	1.4 U	1 U	1 U	2.5 U	3.3 U	1 U	1 U	33 U	1 U	1 U	1 U	1 U	1 U
Xylenes (total)	NA	2 U	2 U	2 U	2 U	22 U	22 U	2 U	4.4 U	2 U	2.9 U	2 U	2 U	5 U	6.7 U	2 U	2 U	67 U	2 U	2 U	2 U	2 U	2 U

* Guidance Value

**Sum of these compounds can not exceed 0.4 ug/L.

NA= not applicable

--=Not Analyzed

Table 4-2
Volatile Organic Compounds in Groundwater Samples Collected from Monitoring Wells
GTE Operations Support Incorporated
Former Sylvania Electric Products Incorporated Facility
Hicksville, New York

Chemical of Potential Concern	NYSDEC GA Standard (ug/L)	Sample ID and Analytical Result (ug/L)																			
		MW-50I	MW-51I	MW-52D	MW-53S	MW-55S	MW-P110-355	MW-P110-440	MW-P114-170R	MW-P114-290	PW-02-01	PW-02-02	PW-02-03	PW-02-04	PW-02-05	PW-02-06	PW-02-07	PW-03-01	PW-03-02	PW-03-03	PW-03-04
		03/31/10	04/01/10	04/05/10	04/05/10	04/07/10	04/12/10	04/13/10	04/08/10	04/09/10	04/15/10	04/15/10	04/16/10	05/03/10	05/03/10	05/04/10	05/05/10	04/16/10	04/13/10	04/14/10	04/13/10
1,1,1,2-Tetrachloroethane	5	1 U	1 U	2.5 U	25 U	1 U	10 U	40 U	14 U	1.7 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	5	0.33 J	1 U	2.5 U	25 U	1 U	4.2 J	40 U	14 U	8.8	1 U	1.3	4.5	0.23 J	1 U	1 U	1 U	0.64 J	2.8	5.7	0.41 J
1,1,2,2-Tetrachloroethane	5	1 U	1 U	2.5 U	25 U	1 U	10 U	40 U	14 U	1.7 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1	1 U	1 U	2.5 U	25 U	1 U	10 U	40 U	14 U	1.7 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5	1 U	1 U	2.5 U	25 U	1 U	10 U	40 U	5 J	20	1 U	0.69 J	2	1 U	1 U	1 U	1 U	0.33 J	2.2	2.3	1 U
1,1-Dichloroethene	5	0.34 J	1 U	2.5 U	25 U	1 U	7.6 J	40 U	2.6 J	14	1 U	0.28 J	0.81 J	1 U	1 U	1 U	1 U	1 U	0.52 J	1.1	1 U
1,2-Dichlorobenzene	3	1 U	1 U	2.5 U	25 U	1 U	10 U	40 U	14 U	1.7 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	R
1,2-Dichloroethane	0.6	1 U	1 U	2.5 U	25 U	1 U	10 U	40 U	5 J	1.7 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	1	1 U	1 U	2.5 U	25 U	1 U	10 U	40 U	14 U	1.7 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	3	1 U	1 U	2.5 U	25 U	1 U	10 U	40 U	14 U	1.7 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	R
1,4-Dichlorobenzene	3	1 U	1 U	2.5 U	25 U	1 U	10 U	40 U	14 U	1.7 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	R
1,4-Dioxane (Method 8260)	NA	R	R	R	R	R	R	R	--	R	R	R	R	R	R	R	R	R	R	R	R
1,4-Dioxane (Method 8270)	NA	--	--	--	--	--	14	2.1	5.1	9.8	1 U	0.44 J	2.1	0.08 J	1 U	1 U	0.34 J	1 U	0.1 J	0.12 J	0.07 J
2-Butanone	50	10 U	10 U	25 U	250 U	10 U	100 U	400 U	140 U	17 U	10 UJ	10 U	10 UJ	R	R	R	R	10 U	10 U	10 U	10 U
2-Hexanone*	50	10 U	10 U	25 U	250 U	10 U	100 U	400 U	140 U	17 U	10 U	10 U	10 U	5 UJ	5 UJ	5 UJ	5 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone (MIBK)	NA	10 U	10 U	25 U	250 U	10 U	100 U	400 U	140 U	17 U	10 U	10 U	10 U	5 U	5 U	5 U	5 U	10 U	10 U	10 U	10 U
Acetone*	50	10 UJ	10 U	25 U	250 U	10 U	100 U	400 U	140 U	17 U	10 U	10 U	10 U	2 U	2 U	2 U	2 U	10 U	10 U	10 U	10 U
Benzene	1	1 U	1 U	2.5 U	25 U	1 U	10 U	40 U	14 U	1.7 U	1 U	1 U	1 U	1 U	1 U	0.091 J	0.11 J	1 U	1 U	1 U	0.4 J
Bromodichloromethane*	50	1 U	1 U	2.5 U	25 U	1 U	10 U	40 U	14 U	1.7 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform*	50	1 UJ	1 U	2.5 U	25 U	1 U	10 UJ	40 UJ	14 UJ	1.7 UJ	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ	1 UJ	1 UJ
Bromomethane	5	1 UJ	1 U	2.5 U	25 U	1 U	10 U	40 U	14 U	1.7 U	1 U	1 U	1 U	2 UJ	2 UJ	2 UJ	2 U	1 UJ	1 U	1 U	1 U
Carbon disulfide	NA	1 U	1 U	2.5 U	25 U	1 U	10 U	40 U	14 U	1.7 U	1 U	1 U	1 U	1 UJ	1 UJ	1 UJ	1 U	1 UJ	1 U	1 U	1 U
Carbon tetrachloride	5	1 U	1 U	2.5 UJ	25 UJ	1 UJ	4.1 J	40 U	14 U	1.7 U	1 U	1 U	1 U	1 U	1 U	1 U	0.21 J	1 U	1 U	1 U	1 U
Chlorobenzene	5	1 U	1 U	2.5 U	25 U	1 U	10 U	40 U	14 U	0.34 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	R
Chloroethane	5	1 UJ	1 UJ	2.5 U	25 U	1 U	10 U	40 U	14 U	1.7 U	1 U	1 U	1 U	2 U	2 U	2 U	2 U	1 UJ	1 U	1 U	1 U
Chloroform	7	1 U	1 U	2.5 U	25 U	19	10 U	40 U	14 U	1.7 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	NA	1 U	1 UJ	2.5 U	25 U	1 U	10 U	40 U	14 U	1.7 U	1 U	1 U	1 U	0.2 J	2 U	2 U	2 U	1 U	1 U	1 U	1 U
cis-1,2-Dichloroethene	5	1 U	1 U	2.5 U	25 U	1 U	19	40 U	72	14	1 U	1 U	1 U	1 U	1 U	1 U	0.91 J	1 U	1 U	1 U	1 U
cis-1,3-Dichloropropene**	0.4	1 U	1 U	2.5 U	25 U	1 U	10 UJ	40 UJ	14 U	1.7 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ	1 UJ
Ethylbenzene	5	1 U	1 U	2.5 U	25 U	1 U	10 U	40 U	14 U	1.7 U	1 U	1 U	1 U	1 U	1 U	1 U	0.12 J	1 U	1 U	1 U	R
Methylene chloride	5	1 U	1 U	2.5 U	25 U	1 U	10 U	40 U	14 U	1.7 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5	1 U	1 U	2.5 U	25 U	1 U	10 U	40 U	14 U	1.7 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	R
Tetrachloroethene	5	1 U	1.3	93	870	1 U	140	1200	14	6.4	1 U	1 U	1 U	1 U	1 U	0.93 J	86	1 U	1 U	1 U	1 U
Toluene	5	0.26 J	1 U	0.57 J	25 U	1 U	10 U	40 U	14 U	1.7 U	0.59 J	1 U	1 U	1 U	0.098 J	0.32 J	0.57 J	1 U	1 U	1 U	2.4 J
trans-1,2-Dichloroethene	5	1 U	1 U	2.5 U	25 U	1 U	10 U	40 U	14 U	1.7 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
trans-1,3-Dichloropropene**	0.4	1 U	1 U	2.5 U	25 U	1 U	10 U	40 U	14 U	1.7 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethene	5	0.48 J	1 U	2.5 U	25 U	1 U	300	16 J	430	44	1 U	1 U	1 U	1 U	1 U	1 U	2.1	1 U	1 U	1 U	1 U
Vinyl chloride	2	1 U	1 U	2.5 U	25 U	1 U	10 U	40 U	14 U	1.7 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes (total)	NA	2 U	2 U	5 U	50 U	2 U	20 U	80 U	29 U	3.3 U	2 U	2 U	2 U	1 U	1 U	0.27 J	0.66 J	2 U	2 U	2 U	0.78 J

* Guidance Value

**Sum of these compounds can not exceed 0.4 ug/L.

NA= not applicable

--=Not Analyzed

Table 4-2
Volatile Organic Compounds in Groundwater Samples Collected from Monitoring Wells
GTE Operations Support Incorporated
Former Sylvania Electric Products Incorporated Facility
Hicksville, New York

Chemical of Potential Concern	NYSDEC GA Standard (ug/L)	Sample ID and Analytical Result (ug/L)																						
		PW-03-05	PW-03-06	PW-03-07	PW-04-01	PW-04-02	PW-04-03	PW-04-04	PW-04-05	PW-04-06	PW-04-07	PW-05-01	PW-05-02	PW-05-03	PW-05-04	PW-05-05	PW-05-06	PW-05-07	PW-06-02	PW-06-03	PW-06-04	PW-06-05	PW-06-06
		04/12/10	04/16/10	04/14/10	05/07/10	05/06/10	05/06/10	05/06/10	05/07/10	05/07/10	05/10/10	05/12/10	05/05/10	05/04/10	05/05/10	05/05/10	05/12/10	05/06/10	05/22/10	05/23/10	05/22/10	05/23/10	05/22/10
1,1,1,2-Tetrachloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,1-Trichloroethane	5	1 U	1 U	1 U	0.66 J	0.13 J	1 U	1 U	1 U	1 U	0.31 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	4.3	6.4	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5	1 U	1 U	1 U	0.22 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3	3.8	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.1	4.1	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dioxane (Method 8260)	NA	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
1,4-Dioxane (Method 8270)	NA	1.1 U	1 U	0.32 J	4.4	1.5	0.32 J	0.03 J	1 U	1 U	2	1 U	0.16 J	0.06 J	0.05 J	0.12 J	1 U	1 U	0.39 J	7.2 J	0.5 UJ	0.5 UJ	0.12 J	
2-Butanone	50	10 U	10 U	10 U	R	R	R	R	R	R	R	R	1.9 J	R	R	R	R	R	10 U	10 U	10 U	10 U	10 U	
2-Hexanone*	50	10 U	10 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	3.2 J	5 U	5 U	5 U	5 U	5 U	10 U	10 U	10 U	10 U	10 U	
4-Methyl-2-pentanone (MIBK)	NA	10 U	10 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	10 U	10 U	10 U	10 U	
Acetone*	50	10 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	7.8 U	2 U	2 U	2 U	2 U	2 U	10 U	10 U	10 U	10 U	10 U	
Benzene	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.078 J	0.33 J	1 U	1 U	1 U	1 U	1 U	
Bromodichloromethane*	50	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Bromoform*	50	1 UJ	1 UJ	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	
Bromomethane	5	1 U	1 UJ	1 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 UJ	2 U	2 U	2 U	2 U	2 UJ	2 U	1 U	1 U	1 U	1 U	1 U	
Carbon disulfide	NA	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.36 J	1 U	1 U	1 U	1 U	1 U	1 U	
Carbon tetrachloride	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Chlorobenzene	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Chloroethane	5	1 U	1 UJ	1 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U	1 U	1 U	1 U	1 U	
Chloroform	7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Chloromethane	NA	1 U	1 U	1 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	1 U	1 U	1 U	1 U	1 U	
cis-1,2-Dichloroethene	5	1 U	1 U	2.7	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
cis-1,3-Dichloropropene**	0.4	1 UJ	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Ethylbenzene	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.1 J	1 U	1 U	1 U	1 U	1 U	1 U	
Methylene chloride	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Styrene	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Tetrachloroethene	5	0.22 J	0.24 J	3.6	1 U	1 U	1 U	1 U	1 U	2	0.76 J	1 U	0.12 J	1 U	1 U	6.5 J	0.5 J	37 J	0.2 J	1 U	1.8	1.5	4.8	
Toluene	5	1 U	1 U	0.57 J	1 U	1 U	0.3 J	1 U	1 U	0.33 J	0.16 J	1 U	1 U	1 U	0.12 J	0.38 J	0.27 J	1.4	1 U	1 U	0.29 J	0.26 J	0.41 J	
trans-1,2-Dichloroethene	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
trans-1,3-Dichloropropene**	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	
Trichloroethene	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.35 J	1 U	0.84 J	1 U	1 U	1 U	1 U	
Vinyl chloride	2	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	
Xylenes (total)	NA	2 U	2 U	0.65 J	1 U	1 U	0.5 J	1 U	1 U	0.2 J	1 U	1 U	1 U	1 U	1 U	0.45 J	0.19 J	0.46 J	2 U	2 U	2 U	2 U	0.38 J	

* Guidance Value

**Sum of these compounds can not exceed 0.4 ug/L.

NA= not applicable

--=Not Analyzed

Table 4-2
Volatile Organic Compounds in Groundwater Samples Collected from Monitoring Wells
GTE Operations Support Incorporated
Former Sylvania Electric Products Incorporated Facility
Hicksville, New York

Chemical of Potential Concern	NYSDEC GA Standard (ug/L)	Sample ID and Analytical Result (ug/L)																			
		PW-06-07	PW-07-01	PW-07-02	PW-07-03	PW-07-04	PW-07-05	PW-07-06	PW-07-07	S-1-325	S-1-450	W-01-120	W-01-75	W-02-70	W-03-112	W-03-72	W-05-78	W-06-79	W-08-71	W-10-120	W-10-71
		05/22/10	05/12/10	05/10/10	05/10/10	05/11/10	05/12/10	05/13/10	05/11/10	05/04/10	05/04/10	04/19/10	04/19/10	04/20/10	04/19/10	04/19/10	04/20/10	04/20/10	04/19/10	04/20/10	04/20/10
1,1,1,2-Tetrachloroethane	5	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	10 U	1 U	3.3 U	1.7 U	1 U	1 U	1.4 U	1 U	2 U
1,1,1-Trichloroethane	5	2.5 U	2.3	1 U	0.21 J	1 U	1 U	1 U	1 U	0.8 J	0.38 J	2.5 U	10 U	1 U	3.3 U	1.7 U	1 U	1 U	1.4 U	1 U	2 U
1,1,2,2-Tetrachloroethane	5	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	10 U	1 U	3.3 U	1.7 U	1 U	1 U	1.4 U	1 U	2 U
1,1,2-Trichloroethane	1	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	10 U	1 U	3.3 U	1.7 U	1 U	1 U	1.4 U	1 U	2 U
1,1-Dichloroethane	5	2.5 U	2.4	1 U	0.11 J	1 U	0.18 J	1 U	1 U	0.27 J	1 U	2.5 U	10 U	1 U	3.3 U	1.7 U	1 U	1 U	1.4 U	1 U	2 U
1,1-Dichloroethene	5	2.5 U	4.1	1 U	1 U	1 U	1 U	1 U	1 U	0.83 J	0.42 J	2.5 U	10 U	1 U	3.3 U	1.7 U	1 U	1 U	1.4 U	1 U	2 U
1,2-Dichlorobenzene	3	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	320	1 U	3.3 U	1.7 U	1 U	1 U	1.4 U	1 U	2 U
1,2-Dichloroethane	0.6	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	10 U	1 U	3.3 U	1.7 U	1 U	1 U	1.4 U	1 U	2 U
1,2-Dichloropropane	1	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	10 U	1 U	3.3 U	1.7 U	1 U	1 U	1.4 U	1 U	2 U
1,3-Dichlorobenzene	3	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	10 U	1 U	3.3 U	1.7 U	1 U	1 U	1.4 U	1 U	2 U
1,4-Dichlorobenzene	3	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	7.6 J	1 U	3.3 U	1.7 U	1 U	1 U	1.4 U	1 U	2 U
1,4-Dioxane (Method 8260)	NA	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
1,4-Dioxane (Method 8270)	NA	0.22 J	2.4	0.1 J	0.13 J	1.1 U	1 U	1 U	1.1 U	1.1	0.6 J	1 U	1 U	1 U	1 U	1 U	1 U	1.1	1 U	1 U	1 U
2-Butanone	50	25 U	1.1 J	R	R	R	R	R	R	R	R	25 U	100 U	10 U	33 U	17 U	10 U	R	14 U	10 U	20 U
2-Hexanone*	50	25 U	0.71 J	5 U	5 U	5 U	5 U	5 U	5 U	5 UJ	5 UJ	25 U	100 U	10 U	33 U	17 U	10 U	5 U	14 U	10 U	20 U
4-Methyl-2-pentanone (MIBK)	NA	25 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	25 U	100 U	10 U	33 U	17 U	10 U	5 U	14 U	10 U	20 U
Acetone*	50	25 U	21	2 U	2 U	2 UJ	2 U	3.9 U	2 U	2 U	2 U	25 U	100 U	10 U	33 U	17 U	10 U	2 U	14 U	10 U	20 U
Benzene	1	2.5 U	1 U	1 U	1 U	0.24 J	0.1 J	0.11 J	1 U	0.05 J	1 U	2.5 U	10 U	1 U	3.3 U	1.7 U	1 U	1 U	1.4 U	1 U	2 U
Bromodichloromethane*	50	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	10 U	1 U	3.3 U	1.7 U	1 U	1 U	1.4 U	1 U	2 U
Bromoform*	50	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.5 UJ	10 UJ	1 UJ	3.3 UJ	1.7 UJ	1 UJ	1 U	1.4 UJ	1 UJ	2 UJ
Bromomethane	5	2.5 U	2 UJ	2 U	2 U	2 U	2 UJ	2 UJ	2 U	2 UJ	2 UJ	2.5 UJ	10 UJ	1 UJ	3.3 UJ	1.7 UJ	1 UJ	2 UJ	1.4 UJ	1 UJ	2 UJ
Carbon disulfide	NA	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 UJ	1 UJ	2.5 UJ	10 UJ	1 UJ	3.3 UJ	1.7 UJ	1 UJ	1 UJ	1.4 UJ	1 UJ	2 UJ
Carbon tetrachloride	5	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.5	3	2.5 U	10 U	1 U	3.3 U	1.7 U	1 U	1 U	1.4 U	1 U	2 U
Chlorobenzene	5	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	25	1 U	3.3 U	1.7 U	1 U	1 U	1.4 U	1 U	2 U
Chloroethane	5	2.5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2.5 UJ	10 UJ	1 UJ	3.3 UJ	1.7 UJ	1 UJ	2 UJ	1.4 UJ	1 UJ	2 UJ
Chloroform	7	2.5 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	2.5 U	10 U	1 U	3.3 U	1.7 U	1 U	1 U	1.4 U	1 U	2 U
Chloromethane	NA	2.5 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2.5 U	10 U	1 U	3.3 U	1.7 U	1 U	2 U	1.4 U	1 U	2 U
cis-1,2-Dichloroethene	5	2.5 U	0.31 J	1 U	1 U	1 U	0.22 J	1 U	1 U	0.91 J	12	73	100	1.2	3.3 U	2.7	0.31 J	1 U	1.4 U	1 U	2 U
cis-1,3-Dichloropropene**	0.4	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	10 U	1 U	3.3 U	1.7 U	1 U	1 U	1.4 U	1 U	2 U
Ethylbenzene	5	2.5 U	1 U	1 U	1 U	0.11 J	1 U	1 U	1 U	1 U	1 U	2.5 U	61	1 U	3.3 U	1.7 U	1 U	1 U	1.4 U	1 U	2 U
Methylene chloride	5	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	10 U	1 U	3.3 U	1.7 U	1 U	1 U	1.4 U	1 U	2 U
Styrene	5	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	10 U	1 U	3.3 U	1.7 U	1 U	1 U	1.4 U	1 U	2 U
Tetrachloroethene	5	75	0.88 J	1 U	1 U	1 U	1.1	0.37 J	0.53 J	6.1	24	4.5	100	27	84	52	8.7	0.13 J	41	29	30
Toluene	5	0.43 J	0.07 J	0.15 J	1 U	0.86 J	0.37 J	0.38 J	0.34 J	0.21 J	1 U	2.5 U	10 U	1 U	3.3 U	1.7 U	1 U	1 U	1.4 U	1 U	2 U
trans-1,2-Dichloroethene	5	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.46 J	10 U	1 U	3.3 U	1.7 U	1 U	1 U	1.4 U	1 U	2 U
trans-1,3-Dichloropropene**	0.4	2.5 UJ	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	10 U	1 U	3.3 U	1.7 U	1 U	1 U	1.4 U	1 U	2 U
Trichloroethene	5	1.1 J	2.2	1 U	1 U	1 U	4.6	1 U	0.23 J	22	92	10	240	4.6	4.4	3.2	27	1 U	1.4 U	1 U	62
Vinyl chloride	2	2.5 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2.5 U	9.4 J	1 U	3.3 U	1.7 U	1 U	1 UJ	1.4 U	1 U	2 U
Xylenes (total)	NA	5 U	1 U	0.12 J	1 U	0.53 J	0.19 J	0.26 J	1 U	0.12 J	1 U	5 U	130	2 U	6.7 U	3.3 U	2 U	1 U	2.9 U	2 U	4 U

* Guidance Value

**Sum of these compounds can not exceed 0.4 ug/L.

NA= not applicable

--=Not Analyzed

Table 4-2
Volatile Organic Compounds in Groundwater Samples Collected from Monitoring Wells
GTE Operations Support Incorporated
Former Sylvania Electric Products Incorporated Facility
Hicksville, New York

Chemical of Potential Concern	NYSDEC GA Standard (ug/L)	Sample ID and Analytical Result (ug/L)																					
		W-11-70	W-12-120	W-12-70	W-14-150	W-16-148	W-19-110	W-19-150	W-20-120	W-20-160	W-22-95	W-23-110	W-24-260	W-25-150	W-25-188	W-26-270	W-27-240	W-27-285	W-30-285	W-31-95	W-32-110	W-36-390	W-36-448
		04/21/10	04/21/10	04/21/10	04/19/10	04/22/10	04/22/10	04/22/10	04/23/10	04/23/10	04/21/10	04/22/10	04/27/10	04/27/10	04/27/10	04/27/10	04/28/10	04/28/10	04/28/10	04/21/10	04/20/10	04/29/10	04/29/10
1,1,1,2-Tetrachloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	5.7 U	1 U	1 UJ
1,1,1-Trichloroethane	5	1 U	1 U	1 U	2.1	1 U	1 U	1 U	0.42 J	1 U	1 U	2 U	1 U	1 U	5 U	1 U	0.34 J	1	1 U	1 U	5.7 U	100 U	0.69 J
1,1,2,2-Tetrachloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	5.7 U	1 U	1 UJ
1,1,2-Trichloroethane	1	1 U	1 U	1 U	1 U	1 U	1 U	0.24 J	1 U	1 U	1 U	2 U	1 U	1 U	5 U	1 U	1 U	0.46 J	1 U	1 U	5.7 U	100 U	1 UJ
1,1-Dichloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	3.3	1.2	1 U	2 U	1.6	1 U	5 U	1 U	0.6 J	1.3	1 U	1 U	5.7 U	100 U	0.54 J
1,1-Dichloroethene	5	1 U	1 U	1 U	1.8	1 U	1 U	0.32 J	0.61 J	2.2	1 U	2 U	6.7	1 U	1.1 J	1 U	3.7	3.6	1 U	1 U	5.7 U	100 U	1.4 J
1,2-Dichlorobenzene	3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.6	110 J	2.2	2 U	2.1	20	76 J	1 U	4.6	60	1 U	1 U	5.7 U	1 U	1 UJ
1,2-Dichloroethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	5.7 U	1 U	1 UJ
1,2-Dichloropropane	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	5.7 U	100 U	1 UJ
1,3-Dichlorobenzene	3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	0.28 J	0.81 J	1 U	1 U	1 U	1 U	1 U	5.7 U	100 U	1 UJ
1,4-Dichlorobenzene	3	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1.5	1 U	2 U	1 U	0.89 J	3.6 J	1 U	1 U	1 U	1 U	1 U	5.7 U	100 U	1 UJ
1,4-Dioxane (Method 8260)	NA	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	23 J	R
1,4-Dioxane (Method 8270)	NA	0.81 J	1 U	1 U	0.72 J	1 U	1 U	1 U	0.79 J	0.44 J	1 UJ	1 U	5	0.41 J	0.65 J	0.19 J	2.2	1.4	0.14 J	1 U	12	28 J	2.4 J
2-Butanone	50	R	R	R	10 U	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	57 U	500 U	R
2-Hexanone*	50	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	25 U	5 U	5 U	5 U	5 UJ	5 U	57 U	5 UJ	5 J
4-Methyl-2-pentanone (MIBK)	NA	5 U	5 U	5 U	10 U	5 U	5 U	5 U	5 U	5 U	5 U	10 U	5 U	5 U	25 U	5 U	5 U	5 U	5 U	5 U	57 U	5 U	5 UJ
Acetone*	50	2 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	4 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 U	57 U	6.3 U	2 UJ
Benzene	1	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	0.13 J	1 U	5 U	1 U	1 U	0.054 J	1 U	1 U	5.7 U	100 U	0.047 J
Bromodichloromethane*	50	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	5.7 U	1 U	1 UJ
Bromoform*	50	1 U	1 U	1 U	1 UJ	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	5.7 UJ	1 U	1 UJ
Bromomethane	5	2 UJ	2 UJ	2 UJ	1 UJ	2 UJ	2 UJ	2 UJ	2 U	2 U	2 UJ	4 U	2 U	2 U	10 U	2 U	2 U	2 U	2 U	2 UJ	5.7 UJ	2 U	2 UJ
Carbon disulfide	NA	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	1 U	1 U	1 J	2 U	1 U	1 U	5 U	1 UJ	1 UJ	1 UJ	1 UJ	1 UJ	5.7 UJ	100 U	1 UJ
Carbon tetrachloride	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	5 U	1 U	0.088 J	1 U	1 U	1 U	5.7 U	65	5.1 J
Chlorobenzene	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	0.26 J	4.6 J	1 U	1 U	1 U	1 U	1 U	5.7 U	100 U	1 UJ
Chloroethane	5	2 UJ	2 UJ	2 UJ	1 UJ	2 UJ	2 UJ	2 UJ	2 U	2 U	2 UJ	4 U	2 U	2 U	10 U	2 U	0.44 J	2 U	2 U	2 UJ	5.7 UJ	2 U	2 UJ
Chloroform	7	1 U	1 U	1 U	1 U	4.4 U	1 U	15 U	1 U	1 U	1 U	2 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	5.7 U	8.1 U	1 UJ
Chloromethane	NA	2 U	2 U	2 U	1 U	2 U	2 U	2 U	2 U	2 U	2 U	4 U	2 U	2 U	10 U	2 U	2 U	2 U	0.28 U	2 U	5.7 U	2 U	2 UJ
cis-1,2-Dichloroethene	5	1 U	1 U	1 U	0.37 J	2.1	1 U	39	8	24	4.7	0.73 J	43	27	33	0.44 J	57	750	1 U	1 U	5.7 U	1100 J	66
cis-1,3-Dichloropropene**	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	5.7 U	1 U	1 UJ
Ethylbenzene	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	5.7 U	1 U	1 UJ
Methylene chloride	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	5.7 U	1 U	1 UJ
Styrene	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	5.7 U	1 U	1 UJ
Tetrachloroethene	5	0.44 J	0.77 J	0.14 J	4.5	210	15	400	52 J	110 J	160	2 J	9.6	7 J	17 J	10	23	660	0.63 J	0.56 J	170	110	59
Toluene	5	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	0.14 J	1 U	5 U	1 U	1 U	1 U	1 U	1 U	5.7 U	1 U	1 UJ
trans-1,2-Dichloroethene	5	1 U	1 U	1 U	1 U	1 U	1 U	0.24 J	1 U	0.56 J	1 U	2 U	0.24 J	1 U	5 U	1 U	0.63 J	9.9	1 U	1 U	5.7 U	100 U	0.19 J
trans-1,3-Dichloropropene**	0.4	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	5 U	1 U	1 U	1 U	1 U	1 U	5.7 U	1 U	1 UJ
Trichloroethene	5	1 U	1 U	1 U	7	4.3	1 U	44	25	40	29	2.9	40 J	32	16	1 U	88	280 D	1 U	1 U	3.2 J	1900 J	230
Vinyl chloride	2	1 UJ	1 UJ	1 UJ	1 U	1 UJ	1 UJ	1 UJ	0.19 J	15	1 UJ	2 U	1 U	0.12 J	14	1 U	13	84	1 U	1 UJ	5.7 U	100 U	1 UJ
Xylenes (total)	NA	1 U	1 U	1 U	2 U	1 U	1 U	1 U	1 U	1 U	1 U	2 U	1 U	1 U	5 U	1 U	1 U	0.84 J	1 U	1 U	11 U	1 U	1 UJ

* Guidance Value

**Sum of these compounds can not exceed 0.4 ug/L.

NA= not applicable

--=Not Analyzed

Table 4-2
Volatile Organic Compounds in Groundwater Samples Collected from Monitoring Wells
GTE Operations Support Incorporated
Former Sylvania Electric Products Incorporated Facility
Hicksville, New York

Chemical of Potential Concern	NYSDEC GA Standard (ug/L)	Sample ID and Analytical Result (ug/L)	
		W-37-325	W-37-385
		04/29/10	04/29/10
1,1,1,2-Tetrachloroethane	5	1 U	1 U
1,1,1-Trichloroethane	5	2.5	57
1,1,2,2-Tetrachloroethane	5	1 U	1 U
1,1,2-Trichloroethane	1	0.34 J	1.3
1,1-Dichloroethane	5	1.3	3.2
1,1-Dichloroethene	5	31	110
1,2-Dichlorobenzene	3	1 U	1 U
1,2-Dichloroethane	0.6	1 U	1 U
1,2-Dichloropropane	1	1 U	0.18 J
1,3-Dichlorobenzene	3	1 U	1 U
1,4-Dichlorobenzene	3	1 U	1 U
1,4-Dioxane (Method 8260)	NA	32 J	60 J
1,4-Dioxane (Method 8270)	NA	29	49
2-Butanone	50	R	R
2-Hexanone*	50	5 U	5 U
4-Methyl-2-pentanone (MIBK)	NA	5 U	5 U
Acetone*	50	2 U	2 U
Benzene	1	0.1 J	0.062 J
Bromodichloromethane*	50	1 U	1 U
Bromoform*	50	1 U	1 U
Bromomethane	5	2 U	2 U
Carbon disulfide	NA	1 UJ	1 UJ
Carbon tetrachloride	5	97	24
Chlorobenzene	5	1 U	1 U
Chloroethane	5	2 U	2 U
Chloroform	7	110	81
Chloromethane	NA	2 U	2 U
cis-1,2-Dichloroethene	5	16	5.8
cis-1,3-Dichloropropene**	0.4	1 U	1 U
Ethylbenzene	5	1 U	1 U
Methylene chloride	5	1 U	1 U
Styrene	5	1 U	1 U
Tetrachloroethene	5	110	80
Toluene	5	1 U	1 U
trans-1,2-Dichloroethene	5	1 U	1 U
trans-1,3-Dichloropropene**	0.4	1 U	1 U
Trichloroethene	5	1000 J	380
Vinyl chloride	2	1 U	1 U
Xylenes (total)	NA	1 U	1 U

* Guidance Value

**Sum of these compounds can not exceed 0.4 ug/L.

NA= not applicable

--=Not Analyzed

STONE ENVIRONMENTAL INC

DRAFT

Mobile Laboratory Results Sheet

Client: GTEOSI
Location: Hicksville, NY
Project ID: Groundwater Profiling
SEI #: 03-1402
Date Sampled: 10/15 - 10/22/2002
Date Analyzed: 10/15 - 10/23/2002

PROFILE ID = P-01

		VOC DATA, ug/L											INORGANIC DATA, mg/L				
Depth	Elevation (ft amsl)	Vinyl Chloride		trans-Dichloroethene		cis-Dichloroethene		Trichloroethene		Tetrachloroethene		% SS	Fe^{+2}	Total Fe	Ammonia	Chloride	Total Chlorine
78.7	65.79	1	U	1	U	1	U	7		1	U	88	0.84	1.18	0.05	183	0.26
88.7	55.80	1	U	1	U	1	U	1	U	1	U	94	0.55	0.56	0.05	321	0.03
98.7	45.78	1	U	1	U	1	U	1	U	1	U	89	0.20	0.22	0.04	275	0.02
108.2	36.31	1	U	1	U	1	U	1	U	1	U	92	NS	NS	NS	NS	NS
117.6	26.93	1	U	1	U	1	U	1	U	1	U	92	0.24	0.80	0.07	221	0.02
127.6	16.90	1	U	1	U	1	U	1	U	1	U	82	0.33	0.27	0.11	40	ND
137.6	6.88	1	U	1	U	1	U	1	U	1	U	93	0.24	0.43	0.09	89	ND
147.1	-2.62	1	U	1	U	1	U	1	U	1	U	101	0.08	0.19	0.05	48	ND
157.3	-12.76	1	U	1	U	1	U	1	U	1	U	99	0.27	0.87	0.22	97	0.15
167.2	-22.73	1	U	1	U	1	U	1	U	1	U	104	0.09	0.23	0.18	363	0.09
177.2	-32.71	1	U	1	U	1	U	1	U	1	U	87	0.02	0.09	0.05	227	0.04
187.2	-42.71	1	U	1	U	1	U	1	U	1	U	88	0.04	0.03	0.06	27	ND
197.6	-53.11	1	U	1	U	1	U	1	U	1	U	82	0.47	1.99	0.40	42	ND
207.3	-62.78	1	U	1	U	1	U	1	U	1	U	84	0.12	1.16	0.16	38	ND
217.1	-72.62	1	U	1	U	1	U	1	U	1	U	82	0.02	0.22	0.06	35	ND
229.1	-84.65	1	U	1	U	1	U	1	U	1	U	79	0.14	0.50	0.21	42	ND
237.5	-93.01	1	U	1	U	1	U	1	U	1	U	79	0.23	0.56	0.31	43	ND
245.0	-100.54	1	U	1	U	1	U	1	U	1	U	82	0.21	0.90	0.42	50	0.43
257.6	-113.08	NS		NS		NS		NS		NS			NS	NS	NS	NS	NS
266.5	-122.01	1	U	1	U	1	U	1	U	1	U	79	0.39	14	14*	24	ND
276.5	-132.00	1	U	1	U	1	U	1	U	1	U	76	0.36	2.68	5.0*	26	ND
286.5	-142.01	1	U	1	U	1	U	1	U	1	U	81	0.23	0.95	0.33*	30	1.31
301.2	-156.67	1	U	1	U	1	U	1	U	1	U	92	0.41	1.53	0.53*	34	0.12

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
U = Undetected below the specified reporting limit.
%SS = Surrogate Recovery
ND = Value below detection limit.
NS = Not Sampled
** Ammonia test results elevated by high degree of sample turbitity.*
[1] Sample did not have enough volume to run at 1 ppb detection limit

STONE ENVIRONMENTAL INC

DRAFT

Mobile Laboratory Results Sheet

Client: GTEOSI
Location: Hicksville, NY
Project ID: Groundwater Profiling
SEI #: 03-1402
Date Sampled: 10/15-10/20/02, 11/21-12/05/02
Date Analyzed: 10/15-10/20/02, 11/21-12/05/02

PROFILE ID = P-02

		VOC DATA, ug/L											INORGANIC DATA, mg/L				
Depth	Elevation (ft amsl)	Vinyl Chloride		trans-Dichloroethene		cis-Dichloroethene		Trichloroethene		Tetrachloroethene		% SS	Fe^{+2}	Total Fe	Ammonia	Chloride	Total Chlorine
78.2	66.08	1		1	U	1	U	1	U	**43**		99	0.28	0.73	ND	ND	ND
89.3	55.00	1	U	1	U	1	U	1	U	**89**		102	0.43	0.29	0.12	ND	0.29
98.8	45.46	1	U	1	U	1	U	1	U	1	U	92	0.10	0.23	0.12	145	0.05
109.4	34.88	1	U	1	U	1	U	1	U	1	U	85	NS	NS	NS	NS	NS
118.6	25.67	1	U	1	U	1	U	1	U	1	U	91	0.02	0.14	0.06	84	0.02
129.0	15.23	1	U	1	U	1	U	1	U	1	U	94	0.04	0.07	0.06	163	0.22
139.9	4.40	1	U	1	U	1	U	1	U	1	U	89	0.03	ND	0.06	66	ND
149.5	-5.25	1	U	1	U	1	U	1	U	1	U	107	0.04	0.20	0.10	148	0.03
159.9	-15.64	1	U	1	U	1	U	1	U	1	U	96	0.06	0.12	0.12	126	ND
170.3	-26.07	1	U	1	U	1	U	1	U	1	U	96	0.04	0.14	0.10	48	0.01
181.5	-37.20	1	U	1	U	1	U	1	U	1	U	113	0.13	0.20	0.35	162	0.03
190.0	-45.75	1	U	1	U	1	U	1	U	1	U	90	0.10	0.31	0.31	48	ND
200.0	-55.74	1	U	1	U	1	U	1	U	1	U	92	0.12	0.43	0.44	48	ND
207.9	-63.62	1	U	1	U	1	U	1	U	1	U	98	0.39	0.71	0.12	47	ND
217.8	-73.59	1	U	1	U	1	U	1	U	1	U	98	0.60	0.95	0.30	63	0.12
228.0	-83.78	1	U	1	U	1	U	1	U	1	U	99	0.40	0.55	0.07	132	0.01
238.0	-93.79	1	U	1	U	1	U	1	U	1	U	101	0.73	2.75	0.44	261	0.22
248.1	-103.80	1	U	1	U	1	U	1	U	1	U	102	0.56	0.85	0.24	280	0.13
258.2	-113.97	1	U	1	U	1	U	1	U	1	U	95	0.13	0.26	0.22	325	0.03
266.6	-122.30	1	U	1	U	1	U	1	U	1	U	92	0.30	0.39	0.49	38	0.06
277.1	-132.85	1	U	1	U	1	U	1	U	1	U	92	0.07	0.25	0.20	24	0.04
287.1	-142.85	1	U	1	U	1	U	1	U	1	U	94	0.10	0.23	0.27	21	0.07
297.1	-152.85	1	U	1	U	1	U	1	U	1	U	95	0.32	0.71	0.71	23	0.13
302.1	-157.80	1	U	1	U	1	U	1	U	1	U	97	ND	0.39	1.05	27	ND

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
U = Undetected below the specified reporting limit.
%SS = Surrogate Recovery
ND = Value below detection limit.
NS = Not Sampled
**** Ammonia test results elevated by high degree of sample turbitity.***
[1] Sample did not have enough volume to run at 1 ppb detection limit

STONE ENVIRONMENTAL INC

DRAFT

Mobile Laboratory Results Sheet

Client: GTEOSI
Location: Hicksville, NY
Project ID: Groundwater Profiling
SEI #: 03-1402
Date Sampled: 11/18-11/21/02
Date Analyzed: 11/18-11/21/02

PROFILE ID = P-03

	VOC DATA, ug/L												INORGANIC DATA, mg/L				
Depth	Elevation (ft amsl)	Vinyl Chloride		trans-Dichloroethene		cis-Dichloroethene		Trichloroethene		Tetrachloroethene		% SS	Fe^{+2}	Total Fe	Ammonia	Chloride	Total Chlorine
87.4	55.8	1	U	1	U	1	U	**1**		**31**		105	1.13	1.5	0.26	14	0.06
97.4	45.8	1	U	1	U	1	U	**2**		**21**		103	0.38	0.62	0.30	13	0.02
107.4	35.8	1	U	1	U	**1**		**3**		**11**		100	0.81	1.86	1.44	45	0.15
117.4	25.8	1	U	1	U	1	U	1	U	**5**		104	0.95	2.14	0.66	58	0.15
127.4	15.8	1	U	1	U	1	U	1	U	1	U	103	0.31	2.24	0.07	452	0.18
137.4	5.8	1	U	1	U	1	U	1	U	1	U	103	0.52	2.54	0.58	461	0.33
147.4	-4.2	1	U	1	U	1	U	1	U	1	U	98	0.78	0.87	0.12	359	0.01
157.4	-14.2	1	U	1	U	1	U	1	U	1	U	92	0.66	0.79	0.07	354	ND
167.4	-24.2	1	U	1	U	1	U	1	U	1	U	96	0.46	0.71	0.09	390	0.02
177.4	-34.2	1	U	1	U	1	U	1	U	1	U	100	0.52	0.59	0.05	499	ND
187.4	-44.2	1	U	1	U	1	U	1	U	1	U	89	0.14	0.23	0.07	393	ND
197.4	-54.2	1	U	1	U	1	U	1	U	1	U	103	0.28	0.36	0.03	494	ND
207.4	-64.2	1	U	1	U	1	U	1	U	1	U	94	0.38	0.48	0.05	384	ND
217.4	-74.2	1	U	1	U	1	U	1	U	1	U	98	0.64	1.09	0.35	287	0.13
227.4	-84.2	1	U	1	U	1	U	1	U	1	U	101	0.59	1.28	0.29	275	0.09
237.4	-94.2	1	U	1	U	1	U	1	U	1	U	102	0.50	0.66	0.06	328	0.01
247.4	-104.2	1	U	1	U	1	U	1	U	1	U	95	0.21	0.74	0.21	480	0.09
257.4	-114.2	1	U	1	U	1	U	1	U	1	U	93	0.40	0.92	0.30	710	0.14
267.4	-124.2	1	U	1	U	1	U	1	U	1	U	98	0.51	0.66	0.07	810	ND
277.4	-134.2	1	U	1	U	1	U	1	U	1	U	97	0.40	0.62	0.07	1002	ND
287.4	-144.2	1	U	1	U	1	U	1	U	1	U	107	0.10	0.28	0.06	650	ND
297.4	-154.2	1	U	1	U	1	U	1	U	1	U	110	0.34	0.50	0.23	692	ND
302.4	-159.2	1	U	1	U	1	U	1	U	1	U	104	0.90	1.29	0.60	608	0.15

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
U = Undetected below the specified reporting limit.
%SS = Surrogate Recovery
ND = Value below detection limit.
NS = Not Sampled
**** Ammonia test results elevated by high degree of sample turbitity.***
[1] Sample did not have enough volume to run at 1 ppb detection limit

STONE ENVIRONMENTAL INC

DRAFT

Mobile Laboratory Results Sheet

Client: GTEOSI
Location: Hicksville, NY
Project ID: Groundwater Profiling
SEI #: 03-1402
Date Sampled: 10/28-11/02/02
Date Analyzed: 10/28-11/02/02

PROFILE ID = P-04

		VOC DATA, ug/L											INORGANIC DATA, mg/L				
Depth	Elevation (ft amsl)	Vinyl Chloride		trans-Dichloroethene		cis-Dichloroethene		Trichloroethene		Tetrachloroethene		% SS	Fe^{+2}	Total Fe	Ammonia	Chloride	Total Chlorine
77.5	64.79	1	U	1	U	1	U	**7**		**32**		97	0.14	0.31	0.02	10	ND
87.4	54.84	1	U	1	U	1	U	**4**		**39**		82	0.15	0.27	0.16	15	ND
97.2	45.07	1	U	1	U	1	U	**2**		**67**		81	0.19	0.37	0.04	31	ND
106.74 [1]	35.50	20	U	20	U	20	U	20	U	20	U	80	0.61	1.26	0.55	41	ND
117.3	24.99	1	U	1	U	**3**		**46**		**2**		87	0.58	0.71	0.01	46	ND
127.4	14.83	20	U	20	U	**22**		**270**		20	U	84	0.44	0.75	0.11	76	0.02
137.5	4.77	20	U	20	U	**21**		**150**		20	U	86	0.53	0.65	0.07	79	0.01
147.6 [1]	-5.36	20	U	20	U	20	U	20	U	20	U	86	1.03	1.12	0.05	71	ND
157.6	-15.39	1	U	1	U	**1**		**12**		**1**		91	0.36	0.65	0.12	102	0.02
167.6	-25.31	1	U	1	U	**2**		**18**		**1**		78	0.39	0.66	0.22	99	0.06
177.5	-35.26	1	U	1	U	1	U	1	U	1	U	97	0.15	0.26	0.07	108	ND
187.5	-45.26	1	U	1	U	1	U	1	U	1	U	92	0.19	0.33	0.08	70	0.03
197.7	-55.41	1	U	1	U	1	U	1	U	1	U	95	0.37	0.45	0.05	136	0.01
207.7	-65.49	1	U	1	U	1	U	1	U	1	U	95	0.30	0.42	0.05	97	0.01
217.7	-75.41	1	U	1	U	1	U	1	U	1	U	105	0.34	0.43	0.09	192	0.05
227.8	-85.51	1	U	1	U	1	U	1	U	1	U	97	0.60	0.79	0.11	222	0.06
237.8	-95.51	1	U	1	U	1	U	1	U	1	U	98	0.59	0.66	0.02	315	0.02
247.8	-105.51	1	U	1	U	1	U	1	U	1	U	90	0.37	0.70	0.30	369	0.09
257.9	-115.61	1	U	1	U	1	U	1	U	1	U	93	0.29	0.97	0.33	333	0.23
267.9	-125.61	1	U	1	U	1	U	1	U	1	U	94	0.48	0.60	0.09	468	0.02
277.9	-135.61	1	U	1	U	1	U	1	U	1	U	95	0.46	0.66	0.20	453	0.04

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
U = Undetected below the specified reporting limit.
%SS = Surrogate Recovery
ND = Value below detection limit.
NS = Not Sampled
**** Ammonia test results elevated by high degree of sample turbitity.***
[1] Sample did not have enough volume to run at 1 ppb detection limit

STONE ENVIRONMENTAL INC

DRAFT

Mobile Laboratory Results Sheet

Client: GTEOSI
Location: Hicksville, NY
Project ID: Groundwater Profiling
SEI #: 03-1402
Date Sampled: 10/28-11/02/02
Date Analyzed: 10/28-11/02/02

PROFILE ID = P-05

		VOC DATA, ug/L												INORGANIC DATA, mg/L				
Depth	Elevation (ft amsl)	Vinyl Chloride		trans-Dichloroethene		cis-Dichloroethene		Trichloroethene		Tetrachloroethene		% SS	Fe^{+2}	Total Fe	Ammonia	Chloride	Total Chlorine
77.5	66.79	20	U	20	U	20	U	**21**		**1,400**		87	0.18	0.25	0.04	ND	ND
87.5	56.79	20	U	20	U	20	U	20	U	**340**		86	0.41	0.80	0.29	12	ND
97.5	46.79	1	U	1	U	**1**		**7**		**49**		82	0.13	0.27	0.09	ND	0.03
107.5	36.79	20	U	20	U	20	U	20	U	**140**		83	0.33	0.54	0.14	ND	0.03
117.3	27.04	1	U	1	U	1	U	1	U	**55**		78	0.27	0.48	0.11	129	0.03
127.5	16.79	1	U	1	U	1	U	1	U	**11**		85	0.27	0.48	0.04	173	0.01
137.5	6.79	1	U	1	U	1	U	**1**		**22**		84	0.17	0.27	0.05	185	0.01
147.5	-3.21	1	U	1	U	1	U	**3**		**17**		85	0.57	0.72	0.12	214	0.03
157.5	-13.21	1	U	1	U	1	U	1	U	**3**		88	0.54	0.71	0.12	230	0.03
167.5	-23.21	1	U	1	U	1	U	**1**		**9**		85	0.84	0.97	0.11	314	0.05
177.5	-33.21	1	U	1	U	**2**		**7**		**26**		71	0.65	0.77	0.06	332	0.03
187.5	-43.21	1	U	1	U	1	U	**2**		**13**		88	0.59	0.73	0.08	350	0.04
197.4	-53.11	1	U	1	U	1	U	1	U	**7**		74	0.61	0.69	0.09	422	0.01
207.4	-63.11	1	U	1	U	1	U	1	U	**2**		75	0.31	0.39	0.04	431	0.02
217.4	-73.11	1	U	1	U	1	U	1	U	1	U	82	0.01	0.12	0.05	445	0.01
227.4	-83.11	1	U	1	U	1	U	1	U	1	U	96	0.31	0.41	0.03	485	0.02
237.4	-93.11	1	U	1	U	1	U	1	U	1	U	96	0.59	0.79	0.08	541	0.07
247.4	-103.11	1	U	1	U	1	U	1	U	1	U	92	0.69	1.13	0.13	360	0.09
262.5	-118.21	1	U	1	U	1	U	1	U	1	U	96	1.05	4.25	1.56	715	0.37
272.4	-128.11	1	U	1	U	1	U	**1**		**10**		94	0.55	3.14	0.70	850	0.18
282.4	-138.11	1	U	1	U	1	U	1	U	**110**		99	0.47	1.20	0.50	650	0.13
292.4	-148.11	1	U	1	U	1	U	**3**		**15**		99	1.22	1.55	0.26	1040	0.08
299.0	-154.73	1	U	1	U	1	U	1	U	**8**		93	1.14	2.70	0.78	810	0.28

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
U = Undetected below the specified reporting limit.
%SS = Surrogate Recovery
ND = Value below detection limit.
NS = Not Sampled
**** Ammonia test results elevated by high degree of sample turbitity.***
[1] Sample did not have enough volume to run at 1 ppb detection limit

STONE ENVIRONMENTAL INC

DRAFT

Mobile Laboratory Results Sheet

Client: GTEOSI
Location: Hicksville, NY
Project ID: Groundwater Profiling
SEI #: 03-1402
Date Sampled: 11/13-11/18/02
Date Analyzed: 11/13-11/18/02

PROFILE ID = P-06

	VOC DATA, ug/L												INORGANIC DATA, mg/L				
Depth	Elevation (ft amsl)	Vinyl Chloride		trans-Dichloroethene		cis-Dichloroethene		Trichloroethene		Tetrachloroethene		% SS	Fe^{+2}	Total Fe	Ammonia	Chloride	Total Chlorine
82.8	60.39	20	U	20	U	20	U	**28**		**5,600**		103	1.89	1.96	0.07	9.00	0.15
92.8	50.39	20	U	20	U	20	U	20	U	**1,800**		106	1.09	1.24	0.09	7.75	0.27
102.8	40.39	20	U	20	U	20	U	20	U	**1,100**		95	0.50	0.6	0.06	33.12	0.12
112.8	30.39	1	U	1	U	1	U	1	U	**14**		108	0.10	0.28	0.07	99	0.07
122.8	20.39	1	U	1	U	1	U	1	U	**4**		104	0.31	0.66	0.12	137	0.01
132.8	10.39	1	U	1	U	1	U	1	U	**4**		99	0.13	0.35	0.09	231	0.00
142.8	0.39	1	U	1	U	1	U	1	U	**4**		97	0.34	0.58	0.07	300	0.12
152.8	-9.61	1	U	1	U	1	U	1	U	**6**		106	0.01	0.35	0.10	143	0.02
162.8	-19.61	1	U	1	U	1	U	1	U	**6**		102	0.06	0.07	0.06	67	ND
172.8	-29.61	1	U	1	U	1	U	1	U	**12**		106	0.07	0.17	0.13	119	0.04
182.8	-39.61	1	U	1	U	1	U	1	U	**4**		103	0.03	0.05	0.08	362	0.01
192.8	-49.61	1	U	1	U	1	U	1	U	**3**		105	0.1	0.21	0.11	301	0.02
202.8	-59.61	1	U	1	U	1	U	1	U	**2**		103	0.2	0.30	0.04	348	0.02
212.8	-69.61	1	U	1	U	1	U	1	U	**1**		90	0.28	0.35	0.05	410	0.13
222.8	-79.61	1	U	1	U	1	U	1	U	**2**		93	0.24	0.27	0.05	498	ND
232.8	-89.61	1	U	1	U	1	U	1	U	**3**		105	0.4	0.52	0.06	582	0.01
242.4	-99.21	1	U	1	U	1	U	1	U	1	U	90	1.33	1.46	0.04	458	0.01
252.4	-109.21	1	U	1	U	1	U	1	U	1	U	97	0.46	0.46	0.02	705	ND
262.4	-119.21	1	U	1	U	1	U	1	U	1	U	98	0.03	0.16	0.07	746	0.02
272.4	-129.21	1	U	1	U	1	U	1	U	**5**		103	0.01	0.18	0.09	851	ND
282.4	-139.21	1	U	1	U	1	U	1	U	**10**		103	0.90	0.98	0.15	836	0.01
291.5	-148.31	1	U	1	U	1	U	**1**		**5**		102	0.07	0.24	0.17	871	0.03

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
U = Undetected below the specified reporting limit.
%SS = Surrogate Recovery
ND = Value below detection limit.
NS = Not Sampled
**** Ammonia test results elevated by high degree of sample turbitity.***
[1] Sample did not have enough volume to run at 1 ppb detection limit

STONE ENVIRONMENTAL INC

DRAFT

Mobile Laboratory Results Sheet

Client: GTEOSI
Location: Hicksville, NY
Project ID: Groundwater Profiling
SEI #: 03-1402
Date Sampled: 11/19-12/04/02
Date Analyzed: 11/19-12/04/02

PROFILE ID = P-07

		VOC DATA, ug/L											INORGANIC DATA, mg/L				
Depth	Elevation (ft amsl)	Vinyl Chloride		trans-Dichloroethene		cis-Dichloroethene		Trichloroethene		Tetrachloroethene		% SS	Fe^{+2}	Total Fe	Ammonia	Chloride	Total Chlorine
82.4	62.13	1	U	1	U	1	U	1	U	1	U	95	2.11	2.61	0.34	144	0.09
92.4	52.13	1	U	1	U	1	U	1	U	1	U	99	1.57	2.11	0.27	132	0.11
102.4	42.13	1	U	1	U	1	U	1	U	1	U	90	0.66	1.17	0.29	160	0.07
112.4	32.13	1	U	1	U	1	U	1	U	1	U	96	2.36	3.08	0.52	234	0.10
122.1	22.43	1	U	1	U	1	U	1	U	1	U	108	0.92	1.53	0.61	338	0.11
132.4	12.13	1	U	1	U	1	U	1	U	1	U	99	0.95	2.23	0.74	119	0.24
142.4	2.13	1	U	1	U	1	U	**2**		1	U	105	1.47	2.05	0.42	109	0.15
152.4	-7.87	1	U	1	U	1	U	**1**		1	U	100	0.99	1.15	0.17	148	0.02
162.4	-17.87	1	U	1	U	1	U	1	U	1	U	102	2.1	2.70	0.43	163	0.2
172.4	-27.87	1	U	1	U	1	U	1	U	1	U	94	1.24	1.66	0.35	128	0.06
182.4	-37.87	1	U	1	U	1	U	1	U	1	U	100	0.40	0.99	0.35	167	0.13
192.4	-47.87	1	U	1	U	1	U	1	U	1	U	104	1.13	1.71	0.42	199	0.15
202.4	-57.87	1	U	1	U	1	U	1	U	1	U	103	1.78	2.46	0.51	204	0.16
212.4	-67.87	1	U	1	U	1	U	1	U	1	U	100	1.03	1.22	1.34	133	0.55
222.4	-77.87	1	U	1	U	1	U	1	U	1	U	91	0.26	0.41	0.12	96	ND
232.4	-87.87	1	U	1	U	1	U	1	U	1	U	97	1.27	1.46	0.11	73	0.03
242.4	-97.87	1	U	1	U	1	U	1	U	1	U	98	1.06	1.10	0.06	90	ND
252.8	-108.27	1	U	1	U	1	U	1	U	1	U	92	0.81	1.06	0.16	75	0.04
262.8	-118.27	1	U	1	U	1	U	1	U	1	U	105	0.76	1.01	0.22	57	0.08
272.8	-128.27	1	U	1	U	1	U	**2**		1	U	103	1.18	1.31	0.11	48	0.02
282.8	-138.27	1	U	1	U	1	U	1	U	1	U	104	1.20	1.29	0.09	62	0.04
292.8	-148.27	1	U	1	U	1	U	**5**		**1**		101	1.27	1.77	0.21	32	0.12
301.0	-156.47	1	U	1	U	1	U	1	U	1	U	101	0.58	0.71	0.13	89	0.04

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
U = Undetected below the specified reporting limit.
%SS = Surrogate Recovery
ND = Value below detection limit.
NS = Not Sampled
**** Ammonia test results elevated by high degree of sample turbitity.***
[1] Sample did not have enough volume to run at 1 ppb detection limit

STONE ENVIRONMENTAL INC

DRAFT

Mobile Laboratory Results Sheet

Client:	GTEOSI
Location:	Hicksville, NY
Project ID:	Groundwater Profiling
SEI #:	03-1402
Date Sampled:	12/03-12/07/02
Date Analyzed:	12/03-12/07/02

PROFILE ID = P-08

		VOC DATA, ug/L											INORGANIC DATA, mg/L				
Depth	Elevation (ft amsl)	Vinyl Chloride		trans-Dichloroethene		cis-Dichloroethene		Trichloroethene		Tetrachloroethene		% SS	Fe^{+2}	Total Fe	Ammonia	Chloride	Total Chlorine
77.6	66.54	1	U	1	U	1	U	1	U	1	U	103	0.65	0.96	0.09	4	0.01
87.6	56.54	1	U	1	U	1	U	1	U	1	U	101	0.73	1.65	0.27	12	0.20
97.6	46.54	1	U	1	U	1	U	1	U	1	U	101	3.27	3.38	0.26	167	0.07
107.6	36.54	1	U	1	U	1	U	**3**		1	U	103	1.58	1.80	0.12	95	0.04
117.6	26.54	1	U	1	U	1	U	1	U	1	U	100	1.00	1.28	0.13	87	0.07
127.6	16.54	1	U	1	U	1	U	**5**		**1**		109	1.19	1.46	0.19	65	0.06
137.6	6.54	1	U	1	U	1	U	**3**		1	U	102	1.53	1.64	0.11	74	0.03
147.6	-3.46	1	U	1	U	1	U	**1**		1	U	101	2.03	2.18	0.04	101	ND
157.6	-13.46	1	U	1	U	1	U	**1**		1	U	99	1.71	1.74	0.04	159	0.01
167.6	-23.46	1	U	1	U	1	U	**1**		1	U	98	0.54	0.76	0.07	202	0.01
177.6	-33.46	1	U	1	U	1	U	1	U	1	U	106	1.60	1.70	0.15	268	0.01
187.6	-43.46	1	U	1	U	1	U	1	U	1	U	102	1.97	2.34	0.25	148	0.06
197.6	-53.51	1	U	1	U	1	U	**5**		**1**		102	0.06	2.05	0.77	41	0.28
207.6	-63.46	1	U	1	U	1	U	**5**		**2**		103	1.10	1.37	0.15	62	0.06
217.6	-73.46	1	U	1	U	1	U	**3**		1	U	98	1.80	2.66	0.37	87	0.23
227.6	-83.46	1	U	1	U	1	U	**9**		**2**		111	0.79	0.95	0.05	43	ND
237.6	-93.46	1	U	1	U	1	U	**8**		**2**		111	1.06	1.30	0.07	31	0.01
247.6	-103.51	1	U	1	U	1	U	**5**		**2**		110	0.82	1.06	0.05	32	0.01
257.6	-113.46	1	U	1	U	1	U	**4**		**1**		98	0.65	0.72	0.03	59	ND
267.6	-123.46	1	U	1	U	1	U	**2**		1	U	107	0.81	0.96	0.02	101	0.01
277.6	-133.46	1	U	1	U	1	U	**2**		1	U	101	2.02	2.27	0.14	103	0.08
287.6	-143.46	1	U	1	U	1	U	1	U	1	U	91	0.46	0.50	0.04	27	0.02
297.6	-153.46	**3**		1	U	1	U	1	U	1	U	108	2.9	3.22	0.12	220	ND
302.6	-158.51	1	U	1	U	1	U	1	U	1	U	94	3.08	3.40	0.10	280	0.03

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
U = Undetected below the specified reporting limit.
%SS = Surrogate Recovery
ND = Value below detection limit.
NS = Not Sampled
**** Ammonia test results elevated by high degree of sample turbitity.***
[1] Sample did not have enough volume to run at 1 ppb detection limit

STONE ENVIRONMENTAL INC

DRAFT

Mobile Laboratory Results Sheet

Client: GTEOSI
Location: Hicksville, NY
Project ID: Groundwater Profiling
SEI #: 03-1402
Date Sampled: 11/13-11/17/02
Date Analyzed: 11/13-11/17/02

PROFILE ID = P-09

		VOC DATA, ug/L												INORGANIC DATA, mg/L				
Depth	Elevation (ft amsl)	Vinyl Chloride		trans-Dichloroethene		cis-Dichloroethene		Trichloroethene		Tetrachloroethene		% SS	Fe^{+2}	Total Fe	Ammonia	Chloride	Total Chlorine
82.6	58.96	1	U	1	U	1	U	1	U	**12**		109	0.12	0.24	0.05	9.13	0
92.6	48.96	20	U	20	U	20	U	20	U	**380**		98	1.15	1.37	0.15	11.63	0.36
102.6	38.96	20	U	20	U	20	U	**30**		**4,400**		106	0.93	0.98	0.06	27.25	0.12
112.6	28.96	20	U	20	U	20	U	**24**		**3,800**		95	0.98	1.11	0.12	13	0.16
122.6	18.96	20	U	20	U	20	U	20	U	**3,200**		99	0.69	1.14	0.38	13	0.02
132.6	8.96	20	U	20	U	20	U	20	U	**290**		99	0.11	3.22	0.76	59	0.03
142.6	-1.04	1	U	1	U	1	U	1	U	**6**		103	0.00	0.21	0.09	87	ND
152.6	-11.04	1	U	1	U	1	U	1	U	**4**		95	0.02	0.11	0.09	87	0.00
162.6	-21.04	1	U	1	U	1	U	1	U	**4**		101	0.31	1.71	0.12	97	0.17
172.6	-31.04	1	U	1	U	1	U	1	U	**5**		103	0.11	0.44	0.33	83	0.04
182.6	-41.03	1	U	1	U	1	U	1	U	**11**		102	0.02	0.32	0.08	110	0.02
192.6	-51.04	1	U	1	U	1	U	1	U	**12**		107	0.06	0.35	0.14	123	0.06
202.6	-61.04	1	U	1	U	1	U	1	U	**2**		109	0.12	0.56	0.38	121	0.02
212.6	-71.04	1	U	1	U	1	U	1	U	**2**		103	0.09	0.41	0.55	141	0.12
222.6	-81.03	1	U	1	U	1	U	1	U	**2**		109	ND	0.05	0.04	214	ND
232.6	-91.03	1	U	1	U	1	U	1	U	**2**		98	0.08	0.28	0.13	300	0.04
242.6	-101.04	1	U	1	U	1	U	1	U	**1**		101	0.13	0.72	0.22	410	0.13
252.6	-111.03	1	U	1	U	1	U	1	U	**8**		89	0.30	0.42	0.06	502	ND
263.0	-121.38	1	U	1	U	1	U	1	U	**4**		97	0.03	0.15	0.05	337	ND
272.6	-131.03	1	U	1	U	1	U	1	U	**3**		98	NS	NS	NS	NS	NS

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
U = Undetected below the specified reporting limit.
%SS = Surrogate Recovery
ND = Value below detection limit.
NS = Not Sampled
**** Ammonia test results elevated by high degree of sample turbitity.***
[1] Sample did not have enough volume to run at 1 ppb detection limit

STONE ENVIRONMENTAL INC

DRAFT

Mobile Laboratory Results Sheet

Client: GTEOSI
Location: Hicksville, NY
Project ID: Groundwater Profiling
SEI #: 03-1402
Date Sampled: 11/03-11/05/02
Date Analyzed: 11/03-11/05/02

PROFILE ID = P-10

	VOC DATA, ug/L													INORGANIC DATA, mg/L				
Depth	Elevation (ft amsl)	Vinyl Chloride		trans-Dichloroethene		cis-Dichloroethene		Trichloroethene		Tetrachloroethene		% SS	Fe^{+2}	Total Fe	Ammonia	Chloride	Total Chlorine
77.7	63.27	20	U	20	U	20	U	**38**		**460**		93	0.14	0.25	0.04	11	0.02
87.8	53.12	20	U	20	U	20	U	20	U	**300**		94	1.23	1.33	0.05	26	ND
97.9	43.02	20	U	20	U	20	U	**21**		**360**		94	0.40	0.73	0.12	65	0.06
108.0	32.97	20	U	20	U	20	U	**24**		**380**		93	0.16	0.39	0.18	17	0.05
118.1	22.87	20	U	20	U	20	U	**23**		**660**		93	0.46	0.58	0.13	66	0.03
128.0	12.97	20	U	20	U	20	U	**20**		**620**		122	1.96	2.07	0.06	78	0.01
138.0	2.97	1	U	1	U	1	U	**2**		**91**		98	0.86	2.16	1.80	10	0.11
148.0	-7.03	20	U	20	U	20	U	20	U	**270**		94	0.22	8.75	0.30	10	0.23
158.0	-17.03	20	U	20	U	20	U	20	U	**220**		98	4.00	9.00	5.00	57	0.04
168.1	-27.13	1	U	1	U	1	U	1	U	**2**		104	1.18	1.89	0.55	149	0.08
178.1	-37.13	1	U	1	U	1	U	1	U	**2**		106	1	2.58	1.50	182	0.52
188.2	-47.23	1	U	1	U	1	U	1	U	**4**		98	0.34	0.60	0.28	209	0.06
198.2	-57.23	1	U	1	U	1	U	1	U	**2**		100	0.55	4.75	3.50	215	0.18
208.1	-67.18	1	U	1	U	1	U	1	U	**1**		104	0.42	1.49	0.36	253	0.28
218.1	-77.19	1	U	1	U	1	U	1	U	**2**		103	0.81	1.36	0.31	269	0.19
226.7	-85.73	1	U	1	U	1	U	1	U	**1**		108	0.23	0.33	0.06	347	ND
238.0	-97.08	1	U	1	U	1	U	1	U	**1**		112	0.54	0.87	0.11	430	0.01
247.8	-106.88	1	U	1	U	1	U	1	U	**1**		101	0.87	7.87	0.37	470	0.05
257.9	-116.98	1	U	1	U	1	U	1	U	**3**		100	3.18	20.25	2.50	653	ND
264.5	-123.58	1	U	1	U	1	U	1	U	**8**		114	1.28	1.81	0.37	535	ND

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
U = Undetected below the specified reporting limit.
%SS = Surrogate Recovery
ND = Value below detection limit.
NS = Not Sampled
*** Ammonia test results elevated by high degree of sample turbitity.***
[1] ***Sample did not have enough volume to run at 1 ppb detection limit***

STONE ENVIRONMENTAL INC

DRAFT

Mobile Laboratory Results Sheet

Client: GTEOSI
Location: Hicksville, NY
Project ID: Groundwater Profiling
SEI #: 03-1402
Date Sampled: 11/03-11/05/02
Date Analyzed: 11/03-11/05/02

PROFILE ID = P-11

	VOC DATA, ug/L													INORGANIC DATA, mg/L				
Depth	Elevation (ft amsl)	Vinyl Chloride		trans-Dichloroethene		cis-Dichloroethene		Trichloroethene		Tetrachloroethene		% SS	Fe^{+2}	Total Fe	Ammonia	Chloride	Total Chlorine
87.0	53.92	1	U	1	U	1	U	1	U	**7**		104	0.53	11.00	0.65	21	0.09
97.4	43.52	1	U	1	U	1	U	1	U	**140**		92	1.09	1.38	0.15	25	0.06
107.4	33.52	1	U	1	U	1	U	1	U	**6**		95	0.88	1.36	0.31	20	0.09
117.4	23.52	1	U	1	U	1	U	1	U	**2**		94	0.26	5.75	3.75	13	0.23
127.4	13.52	1	U	1	U	1	U	1	U	**1**		97	0.69	0.91	0.24	27	0.01
137.4	3.52	1	U	1	U	1	U	1	U	**2**		95	0.74	1.19	0.47	56	0.03
147.4	-6.48	1	U	1	U	1	U	1	U	**2**		105	0.09	0.38	0.07	62	0.02
157.4	-16.48	1	U	1	U	**1**		**28**		**4**		97	0.02	0.22	0.07	63	0.01
167.4	-26.48	20	U	20	U	**36**		**380**		20	U	100	0.58	1.14	0.40	67	0.07
177.4	-36.48	20	U	20	U	**50**		**720**		20	U	103	0.92	1.47	0.36	68	0.11
187.4	-46.48	20	U	20	U	20	U	**210**		20	U	102	0.69	3.03	0.75	73	0.18
197.4	-56.48	1	U	1	U	**6**		**73**		**5**		101	0.46	2.01	0.96	75	0.18
207.4	-66.48	1	U	1	U	**3**		**31**		**2**		102	0.11	0.21	0.05	75	0.01
217.4	-76.51	1	U	1	U	1	U	**2**		1	U	105	0.31	0.82	0.19	89	0.06
227.4	-86.48	1	U	1	U	1	U	1	U	1	U	100	0.46	0.82	0.12	106	0.05
237.4	-96.48	1	U	1	U	1	U	1	U	1	U	107	0.57	1.50	0.35	88	0.06
247.2	-106.28	1	U	1	U	1	U	1	U	1	U	99	0.26	0.56	0.15	87	0.05
257.4	-116.51	1	U	1	U	1	U	1	U	1	U	100	0.17	0.30	0.08	115	ND
267.4	-126.48	1	U	1	U	1	U	1	U	**1**		102	0.039	2.75	0.08	159	ND
277.4	-136.48	1	U	1	U	1	U	1	U	**4**		108	0.47	0.82	0.21	369	0.06
281.1	-140.21	1	U	1	U	1	U	1	U	**3**		97	0.47	0.72	0.19	367	0.03

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
U = Undetected below the specified reporting limit.
%SS = Surrogate Recovery
ND = Value below detection limit.
NS = Not Sampled
*** Ammonia test results elevated by high degree of sample turbitity.***
[1] Sample did not have enough volume to run at 1 ppb detection limit

STONE ENVIRONMENTAL INC

DRAFT

Mobile Laboratory Results Sheet

Client: GTEOSI
Location: Hicksville, NY
Project ID: Groundwater Profiling
SEI #: 03-1402
Date Sampled: 11/13-11/20/02
Date Analyzed: 11/13-11/20/02

PROFILE ID = P-12

		VOC DATA, ug/L												INORGANIC DATA, mg/L				
Depth	Elevation (ft amsl)	Vinyl Chloride		trans-Dichloroethene		cis-Dichloroethene		Trichloroethene		Tetrachloroethene		% SS	Fe^{+2}	Total Fe	Ammonia	Chloride	Total Chlorine
78.9	64.10	20	U	20	U	**42**		**100**		**13,000**		99	0.23	0.41	0.13	12	0.02
87.9	55.06	20	U	20	U	20	U	20	U	**210**		103	0.11	0.56	0.09	11	0.08
97.9	45.03	1	U	1	U	1	U	1	U	**19**		110	0.52	0.61	0.09	124	0.21
108.0	34.95	1	U	1	U	1	U	1	U	**11**		108	0.48	0.57	0.08	157	0.18
118.1	24.89	1	U	1	U	1	U	1	U	**7**		106	0.48	1.28	0.46	145	0.72
128.0	14.94	1	U	1	U	1	U	1	U	**5**		106	0.25	0.33	0.05	262	0.02
137.6	5.32	1	U	1	U	1	U	1	U	**5**		106	0.23	0.31	0.08	245	0.02
146.4	-3.41	1	U	1	U	1	U	1	U	**5**		105	0.17	1.01	0.41	145	0.04
157.8	-14.85	1	U	1	U	1	U	1	U	**5**		108	ND	0.07	ND	81	1.05
167.6	-24.63	1	U	1	U	1	U	1	U	**4**		108	0.06	0.55	0.63	133	0.02
180.3	-37.33	**11**		1	U	1	U	1	U	**52**		96	0.13	0.41	0.43	90	0.06
187.6	-44.68	**9**		1	U	1	U	1	U	**100**		101	1.76	2.60	0.75	154	0.03
197.8	-54.83	**8**		1	U	1	U	1	U	**49**		99	1.72	1.95	0.75	209	0.04
207.4	-64.45	1	U	1	U	1	U	1	U	1	U	109	0.21	0.43	0.07	212	ND
217.7	-74.75	1	U	1	U	1	U	1	U	1	U	98	0.32	0.74	0.14	304	ND
227.5	-84.50	1	U	1	U	1	U	1	U	1	U	94	0.46	0.63	0.012	227	0.03
237.5	-94.50	1	U	1	U	1	U	1	U	1	U	90	0.31	1.06	0.46	600	0.16
247.4	-104.43	1	U	1	U	1	U	1	U	1	U	92	0.03	0.15	0.07	180	ND
257.4	-114.43	1	U	1	U	1	U	1	U	1	U	104	2.01	3.88	0.63	466	1.74
267.5	-124.55	1	U	1	U	1	U	1	U	1	U	92	0.61	0.76	0.38	430	0.47
278.3	-135.35	1	U	1	U	1	U	1	U	**19**		109	0.14	0.38	0.47	669	0.02
287.4	-144.45	1	U	1	U	1	U	1	U	1	U	90	0.21	0.48	0.36	33	0.01
297.1	-154.15	1	U	1	U	1	U	1	U	**5**		102	0.13	0.55	0.31	707	0.02

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
U = Undetected below the specified reporting limit.
%SS = Surrogate Recovery
ND = Value below detection limit.
NS = Not Sampled
** Ammonia test results elevated by high degree of sample turbitity.*
[1] Sample did not have enough volume to run at 1 ppb detection limit

STONE ENVIRONMENTAL INC

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Mobile Laboratory Results Sheet

Client:	**GTEOSI**
Location:	**Hicksville, NY**
Project ID:	**Groundwater Profiling**
SEI #:	**03-1402**
Date Sampled:	**12/06-12/11/02**
Date Analyzed:	**12/06-12/11/02**

PROFILE ID = P-13

		VOC DATA, ug/L											INORGANIC DATA, mg/L				
Depth	Elevation (ft amsl)	Vinyl Chloride		trans-Dichloroethene		cis-Dichloroethene		Trichloroethene		Tetrachloroethene		% SS	Fe^{+2}	Total Fe	Ammonia	Chloride	Total Chlorine
76.6	63.67	20	U	20	U	20	U	20	U	**650**		101	0.86	1.13	0.16	32	0.02
86.6	53.67	20	U	20	U	20	U	20	U	**250**		105	1.23	2.08	0.48	43	0.08
96.6	43.67	20	U	20	U	20	U	20	U	**1,200**		101	1.96	2.83	0.72	63	0.15
106.6	33.67	20	U	20	U	20	U	20	U	**580**		101	0.69	1.42	0.48	82	0.08
116.6	23.67	20	U	20	U	20	U	20	U	**270**		99	2.28	3.55	NS	106	0.10
126.6	13.67	1	U	1	U	1	U	1	U	**12**		97	1.56	2.41	0.77	46	0.17
136.6	3.67	1	U	1	U	1	U	1	U	**2**		104	0.68	0.90	0.18	51	0.05
146.6	-6.33	1	U	1	U	1	U	1	U	**3**		102	0.49	0.71	0.24	111	0.05
156.6	-16.33	1	U	1	U	1	U	**5**		**5**		102	1.0	1.71	0.4	105	0.08
166.6	-26.33	1	U	1	U	1	U	**14**		**6**		102	0.04	0.20	0.12	93	ND
176.6	-36.33	1	U	1	U	1	U	**15**		3		107	0.26	0.51	0.23	90	0.04
186.6	-46.33	1	U	1	U	1	U	**16**		**2**		110	0.78	1.41	0.38	70	0.07
196.6	-56.33	1	U	1	U	1	U	**13**		**4**		105	0.49	0.95	0.42	14	0.1
206.6	-66.33	1	U	1	U	**1**		**21**		**10**		107	0.09	0.16	0.07	88	0.01
217.3	-77.03	1	U	1	U	**3**		**74**		**5**		97	0.02	0.10	0.00	82	ND
227.3	-87.03	6	U	6	U	**20**		**290**		**19**		99	0.14	0.26	0.04	110	0.01
237.3	-97.03	2	U	2	U	**6**		**130**		**9**		101	1.07	1.41	0.48	51	0.27
247.3	-107.03	1	U	1	U	1	U	3		**2**		94	0.63	0.63	5.25	120	0.03
260.7	-120.43	1	U	1	U	**18**		**330**		**17**		99					
267.3	-127.03	1	U	1	U	1	U	**8**	U	1	U	95					

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
U = Undetected below the specified reporting limit.
%SS = Surrogate Recovery
ND = Value below detection limit.
NS = Not Sampled
**** Ammonia test results elevated by high degree of sample turbitity.***
[1] Sample did not have enough volume to run at 1 ppb detection limit

STONE ENVIRONMENTAL INC

DRAFT

Mobile Laboratory Results Sheet

Client: GTEOSI
Location: Hicksville, NY
Project ID: Groundwater Profiling
SEI #: 03-1402
Date Sampled: 12/06-12/10/02
Date Analyzed: 12/06-12/10/02

PROFILE ID = P-14

	VOC DATA, ug/L												INORGANIC DATA, mg/L				
Depth	Elevation (ft amsl)	Vinyl Chloride		trans-Dichloroethene		cis-Dichloroethene		Trichloroethene		Tetrachloroethene		% SS	Fe^{+2}	Total Fe	Ammonia	Chloride	Total Chlorine
77.8	62.64	2	U	2	U	**9**		**57**		**77**		98	18	22	NS	21	0.11
85.8	54.64	2	U	2	U	**16**		**19**		**150**		99	21	21	0.50	24	0.15
95.2	45.29	1	U	1	U	**2**		**8**		**31**		100	18	22	1.20	13	0.20
105.3	35.21	1	U	1	U	1	U	**2**		**10**		109	14	15	1.80	6	0.1
115.1	25.32	1	U	1	U	**25**		23		**12**		100	11	13	0.80	10	ND
125.2	15.24	1	U	1	U	1	U	**5**		**13**		104	7.3	7.6	0.30	63	0.02
135.1	5.39	1	U	1	U	1	U	**2**		**18**		100	1.00	1.30	0.75	23	0.13
145.0	-4.58	1	U	1	U	1	U	**1**		**6**		103	0.92	1.04	0.13	55	0.02
155.1	-14.61	1	U	1	U	1	U	3		3		103	0.78	1.41	0.38	70	0.07
165.3	-24.88	1	U	1	U	1	U	**3**		**2**		111	1.00	1.35	0.30	95	0.12
175.4	-34.89	1	U	1	U	1	U	3		**1**		108	0.88	1.31	0.27	106	0.05
185.5	-45.04	1	U	1	U	1	U	**1**		**2**		103	0.48	0.62	0.07	102	0.02
195.4	-54.96	1	U	1	U	1	U	1	U	1	U	95	0.83	1.42	0.43	85	0.14
204.7	-64.24	1	U	1	U	1	U	1	U	1	U	105	0.66	1.62	0.20	86	0.27
214.8	-74.34	1	U	1	U	1	U	1	U	1	U	98	0.69	1.30	0.19	86	0.14
224.9	-84.41	1	U	1	U	1	U	1	U	1	U	97	0.05	0.10	0.01	74	0.03
234.9	-94.48	1	U	1	U	1	U	**2**		**9**		106	0.50	0.89	0.11	230	0.08
244.8	-104.36	1	U	1	U	1	U	**3**		**20**		96	0.84	1.50	0.16	470	0.14

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
U = Undetected below the specified reporting limit.
%SS = Surrogate Recovery
ND = Value below detection limit.
NS = Not Sampled
**** Ammonia test results elevated by high degree of sample turbitity.***
[1] Sample did not have enough volume to run at 1 ppb detection limit

STONE ENVIRONMENTAL INC

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Mobile Laboratory Results Sheet

Client: GTEOSI
Location: Hicksville, NY
Project ID: Groundwater Profiling
SEI #: 03-1402
Date Sampled: 5/27 - 6/02/03
Date Analyzed: 5/27 - 6/02/03
Report Date: 6/02/03

HOLE ID = P15	VOC DATA, ug/L													INORGANIC DATA, mg/L					COELUTING COMPOUNDS	
Depth	Vinyl Chloride	Q	t-Dichloroethene	Q	c-Dichloroethene	Q	Trichloroethene	Q	Tetrachloroethene	Q	% SS	Fe^{+2}	Fe, Total	Ammonia	Chloride	Chlorine, Total	1,1-DCE / Freon 113	1,2-DCA / Benzene
79.7	20	U	3	U	3	U	3	U	**280**	J	102	0.12	0.23	0.14	34	ND	3 U	**Detect**
89.7	4	U	4	U	**34**	J	**26**		**1800**	J	115	0.07	0.11	0.03	33	ND	4 U	4 U
99.7	20	U	20	U	**120**	J	**230**		**18000**	J	109	0.09	0.17	0.08	31	ND	20 U	20 U
109.7	20	U	20	U	**180**	J	**280**		**15000**	J	104	0.15	0.21	0.03	23	ND	20 U	20 U
119.7	20	U	20	U	20	U	**67**		**2500**		100	0.11	0.17	0.07	38	ND	20 U	20 U
129.7	2	U	2	U	2	U	2	U	**120**		98	ND	0.05	0.05	99	ND	2 U	2 U
139.7	1	U	1	U	1	U	1	U	**14**		86	ND	0.08	0.07	129	0.03	1 U	1 U
149.7	1	U	1	U	1	U	1	U	**22**		107	ND	ND	0.03	119	0.03	1 U	1 U
159.7	1	U	1	U	1	U	1	U	**11**		100	ND	0.03	0.06	75	0.02	1 U	1 U
169.7	1	U	1	U	1	U	1	U	**14**		88	ND	ND	0.07	89	ND	1 U	1 U
179.7	1	U	1	U	1	U	1	U	**10**		87	ND	0.04	0.07	102	0.02	1 U	1 U
189.7	1	U	1	U	1	U	1	U	**10**		89	ND	0.08	0.07	49	0.02	1 U	1 U
199.7	1	U	1	U	1	U	1	U	**9**		93	ND	0.04	0.08	48	0.03	1 U	1 U
208.0	1	U	1	U	1	U	1	U	**13**		90	0.24	1.03	0.95	54	0.15	1 U	1 U
218.0	1	U	1	U	1	U	1	U	1	U	85	ND	0.08	0.05	59	0.02	1 U	1 U
228.0	1	U	1	U	1	U	1	U	1	U	90	0.03	0.42	0.13	170	0.03	1 U	1 U
240.0	1	U	1	U	1	U	1	U	**5**		92	0.05	0.40	0.17	248	0.06	1 U	1 U
290.1	20	U	20	U	20	U	20	U	**190**		103	0.24	0.53	0.34	376	0.13	20 U	20 U
300.1	1	U	1	U	1	U	1	U	**19**		104	0.36	0.88	0.60	293	0.27	1 U	1 U
310.1	1	U	1	U	1	U	1	U	**2**		90	0.33	1.09	0.35	128	0.29	1 U	1 U
329.1	1	U	1	U	1	U	1	U	1	U	96	ND	0.05	0.04	210	ND	1 U	1 U
339.1	1	U	1	U	1	U	1	U	1	U	88	ND	ND	0.02	135	ND	1 U	1 U

	VOC DATA, ug/L																									
Depth	Freon 123A	Q	Freon 123	Q	1,1-Dichloroethane	Q	1,1,1-Trichloroethane	Q	Toluene	Q	Chlorobenzene	Q	Ethylbenzene	Q	m,p-Xylene	Q	o-Xylene	Q	1,3-Dichlorobenzene	Q	1,4-Dichlorobenzene	Q	1,2-Dichlorobenzene	Q	%SS
79.7	1	U	**7**	J	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	102
89.7	20	U	20	U	20	U	20	U	20	U	20	U	20	U	40	U	20	U	20	U	20	U	20	U	115
99.7	20	U	20	U	20	U	20	U	20	U	20	U	20	U	40	U	20	U	20	U	20	U	20	U	109
109.7	20	U	20	U	20	U	20	U	20	U	20	U	20	U	40	U	20	U	20	U	20	U	20	U	104
119.7	20	U	20	U	20	U	20	U	20	U	20	U	20	U	40	U	20	U	20	U	20	U	20	U	100
129.7	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	98
139.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	86
149.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	107
159.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	100
169.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	88
179.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	87
189.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	89
199.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	93
208.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	90
218.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	85
228.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	90
240.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	92
290.1	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	20	U	103
300.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	104
310.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	90
329.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	96
339.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	88

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
%SS = Surrogate Recovery
U = Undetected below the specified reporting limit.
J = Estimated value.
ND = Value below detection limit.
NS = Not Sampled

R2-0012057

STONE ENVIRONMENTAL INC

DRAFT

Mobile Laboratory Results Sheet

Client:	GTEOSI
Location:	Hicksville, NY
Project ID:	Groundwater Profiling
SEI #:	03-1402
Date Sampled:	12/08-12/11/02
Date Analyzed:	11/08-12/11/02

PROFILE ID = P-16

		VOC DATA, ug/L												INORGANIC DATA, mg/L				
Depth	Elevation (ft msl)	Vinyl Chloride		trans-Dichloroethene		cis-Dichloroethene		Trichloroethene		Tetrachloroethene		% SS	Fe^{+2}	Total Fe	Ammonia	Chloride	Total Chlorine
81.0	57.67	40	U	60	U	**150**		**200**		**22,000**		97	0.49	0.95	0.42	14	0.1
91.0	47.67	40	U		U	**70**		**100**		**19,000**		97	1.30	1.42	0.11	9	0.04
101.0	37.67	2	U	2	U	2	U	2	U	**110**		100	0.22	0.86	0.14	15	0.01
111.0	27.67	1	U	1	U	1	U	1	U	**30**		104	0.31	0.41	0.16	7	0.02
121.0	17.67	1	U	1	U	1	U	1	U	**26**		104	0.39	0.46	0.08	77	0.04
131.0	7.67	1	U	1	U	1	U	1	U	**20**		106	0.30	0.42	0.06	76	0.02
141.0	-2.33	1	U	1	U	1	U	1	U	**17**		104	0.37	0.53	0.06	87	0.06
151.0	-12.33	1	U	1	U	1	U	1	U	**16**		102	0.11	0.24	0.11	69	0.01
161.0	-22.33	1	U	1	U	1	U	**1**		**13**		100	0.33	0.76	0.40	61	0.16
171.0	-32.33	1	U	1	U	1	U	**2**		**10**		101	0.27	0.35	0.11	54	0.01
181.0	-42.33	1	U	1	U	1	U	1	U	**11**		96	0.19	0.41	0.16	65	0.04
191.0	-52.33	1	U	1	U	1	U	**1**		**8**		95	0.29	0.35	0.05	60	ND
201.0	-62.33	1	U	1	U	1	U	1	U	**7**		90	0.28	0.40	0.08	39	0.02
211.0	-72.33	1	U	1	U	1	U	1	U	**8**		101	0.13	0.21	0.08	53	0.02
221.0	-82.33	1	U	1	U	1	U	1	U	**7**		106	0.34	2.04	0.41	60	0.11
231.0	-92.33	1	U	1	U	1	U	1	U	**8**		100	0.05	0.23	0.08	78	0.01
241.0	-102.33	1	U	1	U	1	U	1	U	**5**	U						
251.0	-112.33	1	U	1	U	1	U	1	U	**12**	U						

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
U = Undetected below the specified reporting limit.
%SS = Surrogate Recovery
ND = Value below detection limit.
NS = Not Sampled
**** Ammonia test results elevated by high degree of sample turbitity.***
[1] Sample did not have enough volume to run at 1 ppb detection limit

STONE ENVIRONMENTAL INC

DRAFT

Mobile Laboratory Results Sheet

Client:	GTEOSI
Location:	Hicksville, NY
Project ID:	Groundwater Profiling
SEI #:	03-1402
Date Sampled:	4/24 - 4/27/03
Date Analyzed:	4/24 - 5/09/03
Report Date:	5/09/03

HOLE ID = P17	VOC DATA, ug/L													INORGANIC DATA, mg/L					COELUTING COMPOUNDS	
Depth	Vinyl Chloride	Q	t-Dichloroethene	Q	c-Dichloroethene	Q	Trichloroethene	Q	Tetrachloroethene	Q	% SS	Fe^{+2}	Fe, Total	Ammonia	Chloride	Chlorine, Total	1,1-DCE / Freon 113	1,2-DCA / Benzene
73.3	1	U	1	U	1	U	1	U	1	U	82	0.09	0.50	0.29	12	0.04	NA	NA
82.3	1	U	1	U	1	U	1	U	1	U	99	0.11	0.19	0.07	18	ND	NA	NA
92.3	1	U	1	U	1	U	1	U	1	U	83	0.06	0.18	0.08	26	0.03	NA	NA
102.3	1	U	1	U	1	U	1	U	1	U	109	ND	0.38	0.09	83	0.02	1 U	1 U
112.3	1	U	1	U	1	U	1	U	1	U	84	ND	0.12	0.03	62	ND	NA	NA
122.3	1	U	1	U	1	U	1	U	1	U	84	0.02	0.10	0.07	73	ND	NA	NA
132.2	1	U	1	U	1	U	1	U	1	U	76	ND	0.07	0.03	72	ND	NA	NA
142.2	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	93	0.43	1.95	0.48	73	0.33	NA	NA
152.3	1	U	1	U	1	U	1	U	1	U	101	0.04	0.22	0.16	81	0.02	1 U	1 U
162.3	1	U	1	U	1	U	1	U	1	U	90	0.23	1.86	0.44	69	0.20	1 U	1 U
172.2	1	U	1	U	1	U	1	U	1	U	103	0.04	0.15	0.20	68	ND	1 U	1 U
183.1	1	U	1	U	1	U	1	U	1	U	92	0.05	0.09	0.05	66	ND	1 U	1 U
193.1	1	U	1	U	1	U	1	U	1	U	105	0.14	0.43	0.38	67	0.06	1 U	1 U
203.1	1	U	1	U	1	U	1	U	1	U	96	0.26	1.01	0.58	70	0.12	1 U	1 U
213.1	1	U	1	U	1	U	1	U	1	U	97	0.68	3.04	1.64	47	0.52	1 U	1 U
223.1	1	U	1	U	1	U	1	U	1	U	110	0.16	0.73	0.40	56	0.10	1 U	1 U

	VOC DATA, ug/L																													
Depth	Freon 123A	Q	Freon 123	Q	1,1-Dichloroethane	Q	1,1,1-Trichloroethane	Q	Toluene	Q	Chlorobenzene	Q	Ethylbenzene	Q	m,p-Xylene	Q	o-Xylene	Q	1,3-Dichlorobenzene	Q	1,4-Dichlorobenzene	Q	1,2-Dichlorobenzene	Q	%SS
73.3	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		82
82.3	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		99
92.3	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		83
102.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	109
112.3	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		84
122.3	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		84
132.2	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		76
142.2	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		93
152.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	101
162.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	90
172.2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	103
183.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	92
193.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	105
203.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	96
213.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	97
223.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	110

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
%SS = Surrogate Recovery
U = Undetected below the specified reporting limit.
J = Estimated value.
ND = Value below detection limit.
NS = Not Sampled
NA = Not Analyzed for this analyte.

R2-0012059

STONE ENVIRONMENTAL INC

DRAFT

Mobile Laboratory Results Sheet

Client:	GTEOSI
Location:	Hicksville, NY
Project ID:	Groundwater Profiling
SEI #:	03-1402
Date Sampled:	10/04-10/10/2003
Date Analyzed:	10/04-10/10/2003
Report Date:	10/10/2003

HOLE ID =P18	VOC DATA, ug/L																		INORGANIC DATA, mg/L					COELUTING COMPOUNDS	
Depth	Vinyl Chloride	Q	t-Dichloroethene	Q	c-Dichloroethene	Q	Trichloroethene	Q	Tetrachloroethene	Q	%SS								Fe^{+2}	Fe, Total	Ammonia	Chloride	Chlorine, Total	1,1-DCE / Freon 113	1,2-DCA / Benzene
76.7	1	U	1	U	1	U	1	U	**2**		102								0.06	0.08	0.06	23	ND	1U	1U
86.7	1	U	1	U	1	U	1	U	1	U	95								ND	ND	ND	83	0.04	1U	1U
96.7	1	U	1	U	1	U	1	U	1	U	98								0.05	0.19	0.14	114	0.03	1U	1U
106.7	1	U	1	U	1	U	1	U	1	U	96								ND	0.06	0.05	122	0.02	1U	1U
116.7	1	U	1	U	1	U	1	U	1	U	94								0.08	0.33	0.34	185	0.07	1U	1U
126.7	1	U	1	U	1	U	1	U	**2**		97								ND	0.03	0.04	190	0.02	1U	1U
136.7	1	U	1	U	1	U	1	U	**4**		101								ND	0.03	0.04	64	0.03	1U	1U
146.7	1	U	1	U	1	U	1	U	**6**		100								0.68	1.03	0.23	97	0.03	1U	1U
156.7	1	U	1	U	1	U	1	U	1	U	92								ND	0.05	0.03	47	0.04	1U	1U
166.7	1	U	1	U	1	U	**1**		1	U	105								0.37	0.96	0.54	37	0.07	1U	1U
176.7	1	U	1	U	1	U	**4**		1	U	97								0.12	0.63	0.23	35	0.04	1U	1U
186.7	1	U	1	U	1	U	**1**		1	U	109								ND	0.03	0.03	54	ND	1U	1U
207.7	1	U	1	U	1	U	**14**		1	U	100								0.06	0.08	0.01	57	ND	1U	1U
217.7	1	U	1	U	1	U	**10**		1	U	99								0.07	0.07	0.01	67	ND	**Detect**	1U
227.7	1	U	1	U	**8**		**51**		1	U	100								0.08	0.11	0.03	47	ND	1U	1U
237.7	1	U	1	U	**5**		**35**		1	U	108								ND	0.16	ND	52	ND	1U	1U
247.7	1	U	1	U	**2**		**15**		**1**		92								0.05	0.10	0.03	50	0.03	**Detect**	1U
257.7	1	U	1	U	**2**		**20**		1	U	93								0.17	0.40	0.32	76	0.11	**Detect**	1U
267.7	1	U	1	U	1	U	**6**		**1**		103								0.24	2.70	0.28	45	0.18	**Detect**	1U
277.7	1	U	1	U	1	U	**4**		1	U	103								0.03	0.06	0.04	53	0.02	**Detect**	1U
287.7	1	U	1	U	1	U	**4**		1	U	99								0.04	0.15	0.06	40	0.04	**Detect**	1U
302.7	1	U	1	U	1	U	**2**		1	U	103								0.19	0.35	0.1	42	0.08	**Detect**	1U
328.3	1	U	1	U	1	U	**6**		1	U	106								0.21	1.09	0.15	29	0.08	1U	1U
335.8	1	U	1	U	1	U	**10**		**1**		106								0.03	0.26	0.06	33	0.03	1U	1U
344.0	1	U	1	U	1	U	1	U	1	U	98								0.12	1.01	0.11	7	0.52	1U	1U
350.3	1	U	1	U	1	U	**8**		1	U	105								0.05	0.12	0.21	31	0.04	1U	1U

	VOC DATA, ug/L																																
Depth	Freon 123A	Q	Freon 123	Q	1,1-Dichloroethane	Q	1,1,1-Trichloroethane	Q	Toluene	Q	Chlorobenzene	Q	Ethylbenzene	Q	m,p-Xylene	Q	o-Xylene	Q	1,3-Dichlorobenzene	Q	1,4-Dichlorobenzene	Q	1,2-Dichlorobenzene	Q	%SS
76.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	102
86.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	95
96.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	98
106.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	96
116.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	94
126.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	97
136.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	101
146.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	100
156.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	92
166.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	105
176.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	97
186.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	109
207.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	100
217.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	99
227.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	100
237.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	108
247.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	92
257.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	93
267.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	UJ	1	UJ	1	UJ	103
277.7	1	U	1	U	**1**		1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	103
287.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	99
302.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	103
328.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	106
335.8	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	106
344.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	98
350.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	105

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
%SS = Surrogate Recovery
U = Undetected below the specified reporting limit.
J = Estimated value.
ND = Value below detection limit.
NS = Not Sampled

STONE ENVIRONMENTAL INC

DRAFT

Mobile Laboratory Results Sheet

Client: GTEOSI
Location: Hicksville, NY
Project ID: Groundwater Profiling
SEI #: 03-1402
Date Sampled: 8/04 - 8/13/03
Date Analyzed: 8/04 - 8/13/03
Report Date: 8/14/2003

HOLE ID = P20	VOC DATA, ug/L													INORGANIC DATA, mg/L					COELUTING COMPOUNDS	
Depth	Vinyl Chloride	Q	1-Dichloroethene	Q	c-Dichloroethene	Q	Trichloroethene	Q	Tetrachloroethene	Q	% SS	Fe^{+2}	Fe, Total	Ammonia	Chloride	Chlorine, Total	1,1-DCE / Freon 113	1,2-DCA / Benzene
79.6	1	U	1	U	1	U	1	U	1	U	90	ND	0.12	0.14	26	0.02	1U	1U
89.6	1	U	1	U	1	U	1	U	1	U	92	ND	0.06	0.04	167	0.02	1U	1U
99.6	1	U	1	U	1	U	1	U	1	U	82	0.05	0.17	0.17	33	0.03	1U	1U
109.6	1	U	1	U	1	U	1	U	1	U	83	0.14	0.18	0.03	25	ND	1U	1U
119.6	1	U	1	U	1	U	1	U	1	U	85	0.11	0.14	0.03	18	ND	1U	1U
129.6	1	U	1	U	1	U	1	U	1	U	84	0.07	0.15	0.13	19	ND	1U	1U
139.6	1	U	1	U	1	U	1	U	1	U	100	0.15	0.29	0.29	30	0.05	1U	1U
149.6	1	U	1	U	1	U	1	U	1	U	91	ND	0.06	0.03	53	0.02	1U	1U
159.6	1	U	1	U	1	U	1	U	1	U	91	0.05	0.09	0.02	83	ND	1U	1U
169.6	1	U	1	U	1	U	1	U	1	U	83	0.04	0.06	0.03	69	ND	1U	1U
179.6	1	U	1	U	1	U	1	U	1	U	90	0.06	0.13	0.04	32	0.02	1U	1U
189.6	1	U	1	U	1	U	1	U	1	U	91	0.08	0.17	0.08	70	ND	1U	1U
209.7	1	U	1	U	1	U	1	U	**1**		96	0.09	0.44	0.22	64	0.04	1U	1U
220.7	1	U	1	U	1	U	1	U	**18**		95	0.08	0.27	0.06	246	ND	1U	1U
229.7	1	U	1	U	1	U	1	U	**2**		103	0.07	0.28	0.14	56	0.07	1U	1U
269.6	1	U	1	U	1	U	1	U	**20**		94	0.06	0.15	0.17	186	0.04	1U	1U
281.9	1	U	1	U	1	U	1	U	**8**		87	0.07	0.89	0.42	65	0.12	1U	1U
289.6	1	U	1	U	1	U	1	U	**10**		87	0.03	0.07	0.05	51	0.02	1U	1U
298.7	1	U	1	U	1	U	**2**		**41**		95	0.09	0.27	0.11	34	0.02	1U	1U
309.6	8	U	8	U	8	U	8	U	**595**		98	0.07	0.12	0.08	92	ND	8U	8U
319.6	4	UJ	4	UJ	4	UJ	**14**	J	**281**	J	102	0.04	0.06	0.05	143	ND	4U	4U
328.2	1	UJ	1	UJ	1	UJ	1	UJ	**5**	J	75	ND	0.03	0.03	74	ND	1U	1U
339.6	1	U	1	U	1	U	1	U	1	U	96	ND	ND	0.05	49	ND	1U	1U
349.6	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	89	ND	ND	0.02	59	0.02	1U	1U
359.6	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	98	0.12	0.22	0.30	27	0.02	1U	1U
369.6	1	U	1	U	1	U	1	U	**2**		104	1.60	2.50	8.80	140	ND	1U	1U
379.6	1	U	1	U	1	U	1	U	**5**		91	0.11	0.17	0.28	412	0.05	1U	1U
392.0	1	U	1	U	1	U	1	U	**4**		108	0.04	0.73	0.12	320	0.02	1U	1U
428.0	1	U	1	U	1	U	**1**		**6**		104	ND	0.04	0.10	650	0.02	1U	1U
462.9	1	U	1	U	1	U	**3**		**12**		118	0.08	0.25	0.07	835	0.06	1U	1U
469.2	1	U	1	U	1	U	**10**		**25**		117	0.04	0.15	0.13	1140	0.06	1U	1U
476.7	1	U	1	U	1	U	1	U	**17**		122	ND	0.12	0.06	463	0.03	1U	1U

	VOC DATA, ug/L																															
Depth	Freon 123A	Q	Freon 123	Q	1,1-Dichloroethane	Q	1,1,1-Trichloroethane	Q	Toluene	Q	Chlorobenzene	Q	Ethylbenzene	Q	m,p-Xylene	Q	o-Xylene	Q	1,3-Dichlorobenzene	Q	1,4-Dichlorobenzene	Q	1,2-Dichlorobenzene	Q	%SS
79.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	90
89.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	92
99.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	82
109.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	83
119.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	85
129.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	84
139.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	100
149.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	91
159.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	91
169.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	83
179.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	90
189.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	91
209.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	96
220.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	95
229.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	103
269.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	94
281.9	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	87
289.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	87
298.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	95
309.6	8	U	8	U	8	U	8	U	8	U	8	U	8	U	16	U	8	U	8	U	8	U	8	U	98
319.6	4	UJ	4	UJ	4	UJ	4	UJ	4	UJ	4	UJ	4	UJ	8	UJ	4	UJ	4	UJ	4	UJ	4	UJ	102
328.2	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	2	UJ	1	UJ	1	UJ	1	UJ	1	UJ	75
339.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	96
349.6	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	2	UJ	1	UJ	1	UJ	1	J	1	UJ	89
359.6	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	1	UJ	2	UJ	1	UJ	1	UJ	1	UJ	1	UJ	98
369.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	104
379.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	91
392.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	108
428.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	104
462.9	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	118
469.2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	117
476.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	122

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
%SS = Surrogate Recovery
U = Undetected below the specified reporting limit.
J = Estimated value.

STONE ENVIRONMENTAL INC

DRAFT

Mobile Laboratory Results Sheet

Client:	GTEOSI
Location:	Hicksville, NY
Project ID:	Groundwater Profiling
SEI #:	03-1402
Date Sampled:	6/24 - 7/01/03
Date Analyzed:	6/24 - 7/02/03
Report Date:	7/02/03

HOLE ID = P23	VOC DATA, ug/L												INORGANIC DATA, mg/L					COELUTING COMPOUNDS	
Depth	Vinyl Chloride	Q	t-Dichloroethene	Q	c-Dichloroethene	Q	Trichloroethene	Q	Tetrachloroethene	Q	% SS		Fe^{+2}	Fe, Total	Ammonia	Chloride	Chlorine, Total	1,1-DCE / Freon 113	1,2-DCA / Benzene
80.1	1	U	1	U	1	U	1	U	**13**		109		ND	0.06	0.06	35	ND	1 U	1 U
90.1	8	U	8	U	8	U	8	U	**510**		104		0.05	0.16	0.10	34	ND	8 U	8 U
100.1	20	U	20	U	20	U	20	U	**3100**		108		0.06	0.12	0.10	61	ND	20 U	20 U
110.1	3	U	3	U	3	U	3	U	**240**		113		0.07	0.17	0.13	43	0.02	3 U	3 U
120.1	1	U	1	U	1	U	1	U	**26**		115		0.03	0.07	0.06	50	ND	1 U	1 U
130.1	1	U	1	U	1	U	1	U	**7**		82		0.09	0.25	0.21	45	0.02	1 U	1 U
140.1	1	U	1	U	1	U	1	U	**6**		77		0.03	0.35	0.22	51	0.02	1 U	1 U
150.1	1	U	1	U	1	U	1	U	**4**		107		0.09	2.75	2.30	68	0.35	**Detect**	1 U
160.1	1	U	1	U	1	U	**23**		**13**		82		1.80	2.94	2.25	66	0.03	**Detect**	1 U
170.1	1	U	1	U	1	U	**7**		**6**		80		ND	0.19	0.14	67	0.03	1 U	1 U
180.1	1	U	1	U	**10**		**110**		**11**		84		0.03	0.05	0.18	65	0.05	1 U	1 U
190.1	3	U	3	U	**13**		**150**		**12**		114		0.85	3.10	1.40	81	0.63	3 U	3 U
200.1	1	U	1	U	**3**		**48**		**5**		112		ND	0.18	0.12	135	0.04	1 U	1 U
210.1	1	U	1	U	1	U	1	U	**2**		80		0.19	0.58	0.42	85	0.12	1 U	1 U
220.1	1	U	1	U	**2**		**31**		**3**		111		ND	0.04	0.06	108	ND	1 U	1 U
227.7	1	U	1	U	**2**		**44**		**4**		111		0.09	0.61	0.33	87	0.10	1 U	1 U
239.8	1	U	1	U	1	U	**2**		1	U	103		0.05	0.10	0.11	82	0.02	1 U	1 U
252.0	1	U	1	U	1	U	**19**		**27**		111		0.03	0.15	0.13	75	0.02	1 U	1 U
262.0	1	U	1	U	1	U	**14**		**7**		99		0.03	0.09	1.60	108	ND	1 U	1 U
287.0	1	U	1	U	1	U	**6**		**9**		111		0.15	2.41	0.45	247	0.09	1 U	1 U
293.5	1	U	1	U	1	U	**2**		**9**		111		0.45	1.25	0.75	403	0.30	1 U	1 U
334.1	1	U	1	U	1	U	**11**		**1**		107		0.04	0.06	0.09	163	0.04	1 U	1 U
343.4	1	U	1	U	1	U	**4**		**10**		99		ND	ND	0.07	499	0.02	1 U	1 U
347.4	1	U	1	U	1	U	**1**		**3**		99		ND	0.05	0.03	208	0.02	1 U	1 U

	VOC DATA, ug/L																													
Depth	Freon 123A	Q	Freon 123	Q	1,1-Dichloroethane	Q	1,1,1-Trichloroethane	Q	Toluene	Q	Chlorobenzene	Q	Ethylbenzene	Q	m,p-Xylene	Q	o-Xylene	Q	1,3-Dichlorobenzene	Q	1,4-Dichlorobenzene	Q	1,2-Dichlorobenzene	Q	%SS	
80.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	109	
90.1	8	U	8	U	8	U	8	U	8	U	8	U	8	U	16	U	8	U	8	U	8	U	8	U	104	
100.1	20	U	20	U	20	U	20	U	20	U	20	U	20	U	40	U	20	U	20	U	20	U	20	U	108	
110.1	3	U	3	U	3	U	3	U	3	U	3	U	3	U	6	U	3	U	3	U	3	U	3	U	113	
120.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	115	
130.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	82	
140.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	77	
150.1	1	U	1	U	**1**		1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	107	
160.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	82	
170.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	80	
180.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	84	
190.1	3	U	3	U	3	U	3	U	3	U	3	U	3	U	6	U	3	U	3	U	3	U	3	U	114	
200.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	112	
210.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	80	
220.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	111	
227.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	111	
239.8	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	103	
252.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	**2**		111	
262.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	99	
287.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	111	
293.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	111	
334.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	107	
343.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	99	
347.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	99	

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
%SS = Surrogate Recovery
U = Undetected below the specified reporting limit.
J = Estimated value.
ND = Value below detection limit.

R2-0012062

STONE ENVIRONMENTAL INC

DRAFT

Mobile Laboratory Results Sheet

Client:	GTEOSI
Location:	Hicksville, NY
Project ID:	Groundwater Profiling
SEI #:	03-1402
Date Sampled:	6/16 - 6/19/03
Date Analyzed:	6/16 - 6/19/03
Report Date:	6/19/03

HOLE ID = P-24	VOC DATA, ug/L												INORGANIC DATA, mg/L					COELUTING COMPOUNDS	
Depth	Vinyl Chloride	Q	t-Dichloroethene	Q	c-Dichloroethene	Q	Trichloroethene	Q	Tetrachloroethene	Q	%SS	Fe^{+2}	Fe, Total	Ammonia	Chloride	Chlorine, Total	1,1-DCE / Freon 113	1,2-DCA / Benzene
77.4	1	U	1	U	1	U	1	U	1	U	102	ND	0.15	0.08	23	0.03	1 U	1 U
87.4	1	U	1	U	1	U	1	U	1	U	98	0.06	0.20	0.05	73	0.04	1 U	1 U
97.4	1	U	1	U	1	U	1	U	1	U	98	0.68	1.33	0.68	87	0.57	1 U	1 U
107.4	1	U	1	U	1	U	1	U	1	U	98	0.13	0.40	0.27	92	0.12	1 U	1 U
115.4	1	U	1	U	1	U	1	U	1	U	98	0.10	0.20	0.16	92	0.06	1 U	1 U
127.3	1	U	1	U	1	U	1	U	1	U	102	ND	0.10	0.06	135	ND	**Detect**	1 U
137.3	1	U	1	U	1	U	**1**		1	U	104	0.06	0.25	0.1	173	0.03	**Detect**	1 U
147.3	1	U	1	U	1	U	**2**		1	U	98	0.10	0.12	0.04	185	ND	**Detect**	1 U
157.3	1	U	1	U	1	U	1	U	1	U	97	0.07	0.11	0.03	208	ND	**Detect**	1 U
167.3	1	U	1	U	1	U	1	U	1	U	96	ND	0.05	ND	221	ND	1 U	1 U
177.3	1	U	1	U	1	U	1	U	1	U	95	0.12	0.30	0.09	295	0.04	**Detect**	1 U
187.3	1	U	1	U	1	U	**2**		1	U	95	ND	0.06	0.03	280	0.02	**Detect**	1 U
197.3	1	U	1	U	1	U	**2**		1	U	104	ND	0.07	0.02	250	0.02	**Detect**	1 U
207.3	1	U	1	U	**2**		**8**		1	U	105	ND	0.03	0.02	122	0.02	**Detect**	1 U
217.3	1	U	1	U	**3**		**25**	Z	**2**		110	ND	0.05	0.05	87	0.03	**Detect**	1 U
227.3	1	U	1	U	**1**		**9**		1	U	110	0.08	0.25	0.13	95	0.03	**Detect**	1 U
237.3	1	U	1	U	1	U	1	U	1	U	104	ND	0.08	0.03	77	0.02	**Detect**	1 U
247.3	2	U	2	U	2	U	**6**		2	U	107	ND	0.10	0.06	72	0.04	**Detect**	2 U
257.3	1	U	1	U	1	U	**5**		1	U	105	ND	ND	ND	74	0.02	**Detect**	1 U
267.3	1	U	1	U	1	U	1	U	1	U	100	0.09	0.13	0.11	113	0.04	**Detect**	1 U
277.3	1	U	1	U	1	U	1	U	1	U	102	0.05	0.16	0.09	131	0.03	**Detect**	1 U
287.3	1	U	1	U	1	U	1	U	1	U	104	ND	0.06	0.02	81	0.03	**Detect**	1 U
297.3	1	U	1	U	1	U	1	U	1	U	101	0.18	0.46	0.24	64	0.04	**Detect**	1 U

	VOC DATA, ug/L																									
Depth	Freon 123A	Q	Freon 123	Q	1,1-Dichloroethane	Q	1,1,1-Trichloroethane	Q	Toluene	Q	Chlorobenzene	Q	Ethylbenzene	Q	m,p-Xylene	Q	o-Xylene	Q	1,3-Dichlorobenzene	Q	1,4-Dichlorobenzene	Q	1,2-Dichlorobenzene	Q	%SS
77.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	102
87.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	98
97.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	98
107.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	98
115.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	98
127.3	1	U	1	U	1	U	**7**		1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	102
137.3	1	U	1	U	1	U	**11**		1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	104
147.3	1	U	1	U	1	U	**12**		1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	98
157.3	1	U	1	U	1	U	**18**		1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	97
167.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	96
177.3	1	U	1	U	1	U	**7**		1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	95
187.3	1	U	1	U	1	U	**25**	Z	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	95
197.3	1	U	1	U	1	U	**20**		1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	104
207.3	1	U	1	U	**1**		**94**		1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	105
217.3	1	U	1	U	**3**		**130**		1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	110
227.3	1	U	1	U	**1**		**92**		1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	110
237.3	1	U	1	U	1	U	**11**		1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	104
247.3	2	U	2	U	2	U	**71**		2	U	2	U	2	U	4	U	2	U	2	U	2	U	2	U	107
257.3	1	U	1	U	1	U	**33**		1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	105
267.3	1	U	1	U	1	U	**6**		1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	100
277.3	1	U	1	U	1	U	**2**		1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	102
287.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	104
297.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	101

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
%SS = Surrogate Recovery
U = Undetected below the specified reporting limit.
J = Estimated value.
ND = Value below detection limit.
NS = Not Sampled

STONE ENVIRONMENTAL INC DRAFT

Mobile Laboratory Results Sheet

Client:	GTEOSI
Location:	Hicksville, NY
Project ID:	Groundwater Profiling
SEI #:	03-1402
Date Sampled:	7/08 - 7/14/03
Date Analyzed:	7/08 - 7/14/03
Report Date:	7/14/03

HOLE ID = P25

Depth	VOC DATA, ug/L: Vinyl Chloride	Q	t-Dichloroethene	Q	c-Dichloroethene	Q	Trichloroethene	Q	Tetrachloroethene	Q	% SS
79.7	1	U	1	U	1	U	1	U	**1**		109
89.7	1	U	1	U	1	U	1	U	1	U	108
99.7	1	U	1	U	1	U	1	U	1	U	110
109.7	1	U	1	U	1	U	1	U	**3**		94
119.7	1	U	1	U	1	U	1	U	**8**		107
129.7	1	U	1	U	1	U	1	U	**6**		96
139.7	1	U	1	U	**1**		**30**		**1**		109
149.7	1	U	1	U	1	U	**3**		**2**		97
159.7	1	U	1	U	**3**		**47**		**7**		105
169.7	1	U	1	U	1	U	**12**		1	U	111
179.7	1	U	1	U	**2**		**27**		1	U	113
189.7	1	U	1	U	**7**		**56**		1	U	100
199.7	1	U	1	U	**20**		**160**		**1**		120
209.7	1	U	1	U	**20**		**140**		**2**		120
219.7	1	U	1	U	**20**		**140**		**2**		118
229.5	3	U	3	U	**23**		**310**		**3**		118
239.5	1	U	1	U	**9**		**100**		**2**		108
249.5	1	U	1	U	**5**		**61**		**2**		96
259.5	1	U	1	U	**4**		**52**		1	U	118
269.5	1	U	1	U	1	U	**2**		1	U	112
275.8	1	U	1	U	1	U	1	U	1	U	103
290.0	1	U	1	U	1	U	**15**		1	U	116
300.0	1	U	1	U	1	U	**4**		1	U	113
310.0	1	U	1	U	1	U	**4**		1	U	109
320.0	1	U	1	U	1	U	1	U	1	U	100
330.0	1	U	1	U	1	U	1	U	1	U	96
340.0	1	U	1	U	1	U	1	U	1	U	96
349.4	1	U	1	U	1	U	**10**		**1**		103
370.0	1	U	1	U	1	U	1	U	1	U	109
379.2	1	U	1	U	1	U	1	U	1	U	109

Depth	INORGANIC DATA, mg/L: Fe^{+2}	Fe, Total	Ammonia	Chloride	Chlorine, Total	COELUTING COMPOUNDS: 1,1-DCE / Freon 113	1,2-DCA / Benzene
79.7	0.04	0.15	0.06	29	0.02	1 U	1 U
89.7	ND	0.12	0.06	37	0.02	1 U	1 U
99.7	ND	0.10	0.05	92	ND	1 U	1 U
109.7	ND	0.06	0.06	90	0.02	1 U	1 U
119.7	ND	0.07	0.05	77	0.02	1 U	1 U
129.7	ND	0.04	0.04	21	0.02	1 U	1 U
139.7	ND	0.04	0.02	34	ND	1 U	1 U
149.7	ND	0.08	0.06	69	0.02	1 U	1 U
159.7	0.11	1.53	1.55	68	0.09	1 U	1 U
169.7	0.09	0.27	0.3	48	0.05	1 U	1 U
179.7	ND	0.08	0.04	73	0.02	1 U	1 U
189.7	0.05	0.13	0.09	78	0.05	1 U	1 U
199.7	0.16	0.34	0.22	61	0.11	1 U	1 U
209.7	0.12	0.52	0.19	42	0.07	1 U	1 U
219.7	0.10	0.55	0.26	41	0.06	1 U	1 U
229.5	0.08	0.38	0.13	46	0.06	3 U	3 U
239.5	0.06	0.12	0.22	41	0.04	1 U	1 U
249.5	ND	ND	ND	50	ND	1 U	1 U
259.5	0.02	0.09	0.12	57	ND	1 U	1 U
269.5	0.09	0.39	0.25	57	0.09	1 U	1 U
275.8	ND	0.05	0.07	49	0.03	1 U	1 U
290.0	ND	0.07	0.05	83	0.02	1 U	1 U
300.0	ND	0.42	0.18	105	0.03	1 U	1 U
310.0	ND	0.08	0.09	88	0.02	1 U	1 U
320.0	ND	0.19	0.14	58	ND	1 U	1 U
330.0	0.12	0.65	0.29	55	0.03	1 U	1 U
340.0	ND	0.05	0.06	64	0.02	1 U	1 U
349.4	ND	ND	ND	193	ND	1 U	1 U
370.0	0.11	0.36	0.4	62	0.04	1 U	1 U
379.2	0.07	0.12	0.16	30	ND	1 U	1 U

VOC DATA, ug/L

Depth	Freon 123A	Q	Freon 123	Q	1,1-Dichloroethane	Q	1,1,1-Trichloroethane	Q	Toluene	Q	Chlorobenzene	Q	Ethylbenzene	Q	m,p-Xylene	Q	o-Xylene	Q	1,3-Dichlorobenzene	Q	1,4-Dichlorobenzene	Q	1,2-Dichlorobenzene	Q	%SS
79.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	109
89.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	108
99.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	110
109.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	94
119.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	107
129.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	96
139.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	109
149.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	97
159.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	105
169.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	111
179.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	113
189.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	100
199.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	120
209.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	120
219.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	118
229.5	3	U	3	U	3	U	3	U	3	U	3	U	3	U	6	U	3	U	3	U	3	U	3	U	118
239.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	108
249.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	96
259.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	118
269.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	112
275.8	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	103
290.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	116
300.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	113
310.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	109
320.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	100
330.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	96
340.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	96
349.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	103
370.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	109
379.2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	109

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
%SS = Surrogate Recovery
U = Undetected below the specified reporting limit.
J = Estimated value.

R2-0012064

STONE ENVIRONMENTAL INC

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Mobile Laboratory Results Sheet

Client:	GTEOSI
Location:	Hicksville, NY
Project ID:	Groundwater Profiling
SEI #:	03-1402
Date Sampled:	5/12 - 5/20/03
Date Analyzed:	5/12 - 5/20/03
Report Date:	5/20/03

HOLE ID =P26	VOC DATA, ug/L																				INORGANIC DATA, mg/L					COELUTING COMPOUNDS	
Depth	Vinyl Chloride	Q	t-Dichloroethene	Q	c-Dichloroethene	Q	Trichloroethene	Q	Tetrachloroethene	Q	% SS	Fe^{+2}	Fe, Total	Ammonia	Chloride	Chlorine, Total	1,1-DCE / Freon 113	1,2-DCA / Benzene
76.9	1	U	1	U	1	U	1	U	1	U	110	ND	0.27	0.14	263	ND	1 U	1 U
86.8	1	U	1	U	1	U	1	U	1	U	113	0.08	0.89	0.40	310	0.16	1 U	1 U
96.8	1	U	1	U	1	U	1	U	1	U	103	0.03	0.95	0.35	478	0.18	1 U	1 U
106.8	1	UJ	1	U	1	U	1	U	1	U	102	0.12	0.64	0.23	107	0.07	1 U	1 U
116.8	1	UJ	1	U	1	U	1	U	1	U	100	0.23	1.58	0.47	128	0.23	1 U	1 U
126.8	1	UJ	1	U	1	U	1	U	1	U	103	0.05	0.24	0.15	132	0.05	1 U	1 U
136.8	1	UJ	1	U	1	U	1	U	1	U	97	0.29	1.55	1.5	124	0.26	1 U	1 U
146.8	1	U	1	U	1	U	1	U	1	U	100	0.04	0.11	0.08	243	ND	1 U	1 U
152.3	1	U	1	U	1	U	1	U	1	U	101	0.25	7.60	3.2	122	0.12	1 U	1 U
162.3	1	U	1	U	1	U	1	U	1	U	100	0.31	1.21	0.53	143	0.27	1 U	1 U
172.3	1	U	1	U	1	U	1	U	1	U	102	0.23	1.01	0.7	207	0.3	1 U	1 U
182.3	1	U	1	U	1	U	1	U	1	U	105	0.04	0.13	0.12	97	0.04	1 U	1 U
192.3	1	U	1	U	1	U	1	U	1	U	98	0.15	1.76	1.45	137	0.29	1 U	1 U
202.3	1	U	1	U	1	U	1	U	1	U	105	0.08	0.48	0.26	132	0.05	1 U	1 U
211.3	1	U	1	U	1	U	1	U	1	U	93	0.23	1.88	0.53	108	0.17	1 U	1 U
221.3	1	U	1	U	1	U	1	U	1	U	111	0.17	0.56	0.55	81	0.22	1 U	1 U
231.3	1	U	1	U	1	U	1	U	1	U	108	0.03	0.32	0.14	94	0.03	1 U	1 U
241.3	1	U	1	U	1	U	1	U	1	U	109	0.21	0.38	0.39	89	0.16	1 U	1 U
257.3	1	UJ	1	U	1	U	1	U	1	U	93	0.10	0.42	0.28	79	0.15	1 U	1 U
267.1	1	UJ	1	U	1	U	1	U	1	U	89	0.44	0.97	0.63	95	0.39	1 U	1 U
276.5	1	U	1	U	1	U	1	U	1	U	112	0.04	0.28	0.63	114	0.05	1 U	1 U
286.5	1	U	1	U	1	U	5		1		114	ND	0.95	0.9	61	0.15	**Detect**	1 U
295.9	1	U	1	U	1	U	2		1	U	117	ND	0.49	0.22	34	0.03	**Detect**	1 U

	VOC DATA, ug/L																													
Depth	Freon 123A	Q	Freon 123	Q	1,1-Dichloroethane	Q	1,1,1-Trichloroethane	Q	Toluene	Q	Chlorobenzene	Q	Ethylbenzene	Q	m,p-Xylene	Q	o-Xylene	Q	1,3-Dichlorobenzene	Q	1,4-Dichlorobenzene	Q	1,2-Dichlorobenzene	Q	%SS
76.9	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	110
86.8	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	113
96.8	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	103
106.8	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	102
116.8	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	100
126.8	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	103
136.8	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	97
146.8	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	100
152.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	101
162.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	100
172.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	102
182.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	105
192.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	98
202.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	105
211.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	93
221.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	111
231.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	108
241.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	109
257.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	**2**		1	U	1	U	93
267.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	89
276.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	112
286.5	1	U	1	U	**1**		**1**		1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	114
295.9	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	117

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
%SS = Surrogate Recovery
U = Undetected below the specified reporting limit.
J = Estimated value.
ND = Value below detection limit.
NS = Not Sampled

STONE ENVIRONMENTAL INC

DRAFT

Mobile Laboratory Results Sheet

Client:	GTEOSI
Location:	Hicksville, NY
Project ID:	Groundwater Profiling
SEI #:	03-1402
Date Sampled:	5/03 - 5/08/03
Date Analyzed:	5/03 - 5/08/03
Report Date:	5/08/03

HOLE ID = P27	VOC DATA, ug/L												INORGANIC DATA, mg/L					COELUTING COMPOUNDS	
Depth	Vinyl Chloride	Q	t-Dichloroethene	Q	c-Dichloroethene	Q	Trichloroethene	Q	Tetrachloroethene	Q	% SS		Fe^{+2}	Fe, Total	Ammonia	Chloride	Chlorine, Total	1,1-DCE / Freon 113	1,2-DCA / Benzene
79.8	1	U	1	U	1	U	1	U	**19**		99		0.28	0.38	0.11	36	ND	1 U	1 U
89.8	1	U	1	U	1	U	1	U	**22**		92		0.28	0.36	0.02	99	ND	1 U	1 U
99.8	1	U	1	U	1	U	1	U	**28**		101		0.09	0.14	ND	60	ND	1 U	1 U
109.8	1	U	1	U	1	U	1	U	1	U	95		0.10	0.25	0.18	22	ND	1 U	1 U
119.8	1	U	1	U	1	U	1	U	**21**		103		0.11	0.23	0.06	32	ND	1 U	1 U
129.8	1	U	1	U	1	U	1	U	1	U	108		0.12	0.36	0.22	31	0.05	1 U	1 U
139.8	1	U	1	U	1	U	**3**		**1**		103		0.11	0.16	0.04	50	ND	1 U	1 U
149.8	1	U	1	U	1	U	1	U	**4**		99		0.09	0.16	0.03	63	ND	1 U	1 U
159.8	1	U	1	U	1	U	**5**		**2**		82		0.15	0.43	0.14	92	0.02	1 U	1 U
169.8	1	U	1	U	1	U	**2**		**4**		87		0.47	1.62	0.53	86	0.32	1 U	1 U
179.8	1	U	1	U	1	U	1	U	**6**		93		0.70	2.56	0.60	111	0.55	1 U	1 U
189.8	1	U	1	U	1	U	**2**		**2**		89		0.17	0.71	0.36	67	0.07	1 U	1 U
199.8	1	U	1	U	1	U	**7**		**2**		90		ND	0.26	0.15	82	0.05	1 U	1 U
209.8	1	U	1	U	**2**		**30**		**1**		99		ND	0.06	0.05	66	0.04	1 U	1 U
219.8	1	U	1	U	**5**		**75**		**3**		95		0.10	0.38	0.23	79	0.11	1 U	1 U
229.5	20	U	20	U	**21**		**360**		20	U	101		ND	0.10	0.04	62	0.04	20 U	20 U
239.5	20	U	20	U	**25**		**450**		20	U	101		0.04	0.09	ND	61	0.03	20 U	20 U
267.0	1	U	1	U	**6**		**76**		**6**		100		0.04	0.11	0.13	74	0.03	1 U	1 U
277.0	1	U	1	U	1	U	**2**		**3**		81		0.10	0.39	0.20	159	0.07	1 U	1 U

	VOC DATA, ug/L																													
Depth	Freon 123A	Q	Freon 123	Q	1,1-Dichloroethane	Q	1,1,1-Trichloroethane	Q	Toluene	Q	Chlorobenzene	Q	Ethylbenzene	Q	m,p-Xylene	Q	o-Xylene	Q	1,3-Dichlorobenzene	Q	1,4-Dichlorobenzene	Q	1,2-Dichlorobenzene	Q	%SS					
79.8	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	99					
89.8	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	92					
99.8	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	101					
109.8	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	95					
119.8	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	103					
129.8	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	108					
139.8	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	103					
149.8	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	99					
159.8	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	82					
169.8	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	87					
179.8	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	93					
189.8	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	89					
199.8	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	90					
209.8	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	99					
219.8	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	95					
229.5	20	U	20	U	20	U	20	U	20	U	20	U	20	U	40	U	20	U	20	U	20	U	20	U	101					
239.5	20	U	20	U	20	U	20	U	20	U	20	U	20	U	40	U	20	U	20	U	20	U	20	U	101					
267.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	100					
277.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	81					

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
%SS = Surrogate Recovery
U = Undetected below the specified reporting limit.
J = Estimated value.
ND = Value below detection limit.
NS = Not Sampled

STONE ENVIRONMENTAL INC

DRAFT

Mobile Laboratory Results Sheet

Client: GTEOSI
Location: Hicksville, NY
Project ID: Groundwater Profiling
SEI #: 03-1402
Date Sampled: 5/02 - 5/06/03
Date Analyzed: 5/02 - 5/06/03
Report Date: 5/06/03

HOLE ID = P28

	VOC DATA, ug/L											INORGANIC DATA, mg/L					COELUTING COMPOUNDS	
Depth	Vinyl Chloride	Q	t-Dichloroethene	Q	c-Dichloroethene	Q	Trichloroethene	Q	Tetrachloroethene	Q	% SS	Fe^{+2}	Fe, Total	Ammonia	Chloride	Chlorine, Total	1,1-DCE / Freon 113	1,2-DCA / Benzene
77.9	20	U	20	U	20	U	20	U	**1500**		100	ND	0.06	0.10	22.5	ND	20 U	20 U
87.0	1	U	1	U	1	U	**1**		**97**		98	0.07	0.84	0.63	35	0.05	1 U	1 U
97.0	2	U	2	U	2	U	2	U	**160**		103	0.03	0.08	0.07	22	ND	2 U	2 U
107.0	2	U	2	U	2	U	2	U	2	U	93	0.16	0.60	0.31	79	0.07	2 U	2 U
117.0	1	U	1	U	1	U	1	U	1	U	95	0.00	0.06	0.05	140	ND	1 U	1 U
127.0	1	U	1	U	1	U	1	U	1	U	104	0.16	0.45	0.29	195	0.05	1 U	1 U
137.0	1	U	1	U	1	U	1	U	1	U	108	0.09	0.94	0.75	75	0.09	1 U	1 U
147.0	1	U	1	U	1	U	1	U	1	U	103	0.06	0.26	0.16	125	ND	1 U	1 U
160.8	1	U	1	U	1	U	1	U	1	U	104	0.04	0.12	0.14	84	ND	1 U	1 U
167.0	1	U	1	U	1	U	1	U	1	U	89	0.15	0.61	0.37	79	0.08	1 U	1 U
177.0	1	U	1	U	1	U	1	U	1	U	88	0.09	0.43	0.19	93	0.03	1 U	1 U
187.0	1	U	1	U	1	U	1	U	1	U	94	0.01	0.12	0.06	140	0.03	1 U	1 U
197.0	1	U	1	U	1	U	1	U	1	U	90	0.03	0.17	0.11	156	0.03	1 U	1 U
207.0	1	U	1	U	1	U	1	U	1	U	95	ND	0.05	0.05	182	0.02	1 U	1 U
217.0	1	U	1	U	1	U	1	U	1	U	96	ND	0.30	0.23	87	0.06	1 U	1 U
227.0	1	U	1	U	1	U	1	U	1	U	96	0.05	0.28	0.11	140	0.06	1 U	1 U
237.0	1	U	1	U	1	U	1	U	1	U	92	0.10	0.41	0.19	110	0.12	1 U	1 U
247.0	1	U	1	U	1	U	1	U	1	U	95	0.08	1.29	0.21	147	0.12	1 U	1 U

	VOC DATA, ug/L																						
Depth	Freon 123A	Q	Freon 123	Q	1,1-Dichloroethane	Q	1,1,1-Trichloroethane	Q	Toluene	Q	Chlorobenzene	Q	Ethylbenzene	Q	m,p-Xylene	Q	o-Xylene	Q	1,3-Dichlorobenzene	Q	1,4-Dichlorobenzene	Q	1,2-Dichlorobenzene	Q	%SS
77.9	20	U	20	U	20	U	20	U	20	U	20	U	20	U	40	U	20	U	20	U	20	U	20	U	100
87.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	98
97.0	2	U	2	U	2	U	2	U	2	U	2	U	2	U	4	U	2	U	2	U	2	U	2	U	103
107.0	2	U	2	U	2	U	2	U	2	U	2	U	2	U	4	U	2	U	2	U	2	U	2	U	93
117.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	95
127.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	104
137.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	108
147.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	103
160.8	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	104
167.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	89
177.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	88
187.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	94
197.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	90
207.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	95
217.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	96
227.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	96
237.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	92
247.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	95

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
%SS = Surrogate Recovery
U = Undetected below the specified reporting limit.
J = Estimated value.
ND = Value below detection limit.
NS = Not Sampled

STONE ENVIRONMENTAL INC

DRAFT

Mobile Laboratory Results Sheet

Client:	GTEOSI
Location:	Hicksville, NY
Project ID:	Groundwater Profiling
SEI #:	03-1402
Date Sampled:	9/16-9/23/2003
Date Analyzed:	9/16-9/23/2003
Report Date:	9/23/2003

HOLE ID =P29	VOC DATA, ug/L											INORGANIC DATA, mg/L					COELUTING COMPOUNDS	
Depth	Vinyl Chloride	Q	t-Dichloroethene	Q	c-Dichloroethene	Q	Trichloroethene	Q	Tetrachloroethene	Q	% SS	Fe^{+2}	Fe, Total	Ammonia	Chloride	Chlorine, Total	1,1-DCE / Freon 113	1,2-DCA / Benzene
79.5	1	U	1	U	1	U	1	U	1	U	94	ND	ND	0.03	21	ND	1U	1U
89.5	1	U	1	U	1	U	1	U	1	U	97	0.07	0.34	0.33	46	0.08	1U	1U
99.5	1	U	1	U	1	U	1	U	1	U	91	0.03	0.18	0.14	51	0.05	1U	1U
109.5	1	U	1	U	1	U	1	U	1	U	83	0.22	1.07	0.56	46	0.16	1U	1U
119.5	1	U	1	U	1	U	**2**		1	U	100	ND	0.06	0.04	22	ND	1U	1U
129.5	1	U	1	U	1	U	1	U	1	U	93	ND	0.06	0.03	11	ND	1U	1U
139.5	1	U	1	U	1	U	1	U	1	U	119	ND	0.06	0.03	15	ND	1U	1U
149.5	1	U	1	U	1	U	1	U	1	U	96	ND	0.09	0.04	28	0.03	1U	1U
159.5	1	U	1	U	1	U	1	U	1	U	96	ND	0.12	0.03	38	ND	1U	1U
169.4	1	U	1	U	1	U	1	U	1	U	97	ND	ND	0.03	45	ND	1U	1U
176.7	1	U	1	U	1	U	1	U	1	U	92	0.09	0.36	0.32	32	0.06	1U	1U
191.3	1	U	1	U	1	U	1	U	1	U	101	0.06	0.23	0.25	37	0.06	1U	1U
200.8	1	U	1	U	1	U	1	U	**16**		106	ND	0.04	0.05	42	0.02	1U	1U
231.0	1	U	1	U	1	U	1	U	**106**		118	ND	0.10	0.06	68	ND	1U	1U
239.5	1	U	1	U	1	U	1	U	**22**		116	0.67	1.77	0.23	81	ND	1U	1U
249.9	1	U	1	U	1	U	1	U	**2**		110	0.06	0.23	0.11	96	ND	1U	1U
259.5	1	U	1	U	1	U	1	U	**19**		102	ND	0.10	0.03	282	ND	1U	1U
268.4	1	U	1	U	1	U	1	U	**14**		104	ND	0.03	0.05	108	ND	1U	1U
278.4	1	U	1	U	1	U	1	U	**10**		100	ND	0.06	0.04	62	0.03	1U	1U
289.9	1	U	1	U	1	U	1	U	1	U	101	ND	ND	0.04	39	0.02	1U	1U
299.6	1	U	1	U	1	U	1	U	1	U	98	0.04	0.17	0.05	44	0.03	1U	1U
310.2	1	U	1	U	1	U	1	U	**48**		106	ND	0.08	0.05	45	0.02	1U	1U
318.9	1	U	1	U	1	U	1	U	**14**		106	ND	0.08	0.05	46	0.02	1U	1U
329.9	1	U	1	U	1	U	1	U	**10**		103	0.06	0.09	0.09	20	0.02	1U	1U
339.5	1	U	1	U	1	U	1	U	**10**		102	0.09	0.85	0.20	29	0.06	1U	1U
360.0	1	U	1	U	1	U	1	U	**1**		102	ND	0.07	0.05	93	0.04	1U	1U
369.2	1	U	1	U	1	U	1	U	**2**		102	0.03	0.11	0.10	130	0.02	1U	1U
390.0	1	U	1	U	1	U	1	U	1	U	83	ND	0.07	0.04	53	ND	1U	1U
410.7	1	U	1	U	1	U	1	U	**3**		89	0.03	0.12	0.09	251	0.05	1U	1U

	VOC DATA, ug/L																								
Depth	Freon 123A	Q	Freon 123	Q	1,1-Dichloroethane	Q	1,1,1-Trichloroethane	Q	Toluene	Q	Chlorobenzene	Q	Ethylbenzene	Q	m,p-Xylene	Q	o-Xylene	Q	1,3-Dichlorobenzene	Q	1,4-Dichlorobenzene	Q	1,2-Dichlorobenzene	Q	%SS
79.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	94
89.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	97
99.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	91
109.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	83
119.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	100
129.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	93
139.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	119
149.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	96
159.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	96
169.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	97
176.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	92
191.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	101
200.8	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	106
231.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	118
239.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	**2**		116
249.9	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	110
259.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	102
268.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	104
278.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	100
289.9	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	101
299.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	98
310.2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	106
318.9	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	106
329.9	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	103
339.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	102
360.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	102
369.2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	102
390.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	83
410.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	89

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
%SS = Surrogate Recovery
U = Undetected below the specified reporting limit.
J = Estimated value.
ND = Value below detection limit.
NS = Not Sampled

R2-0012068

STONE ENVIRONMENTAL INC

DRAFT

Mobile Laboratory Results Sheet

Client:	GTEOSI
Location:	Hicksville, NY
Project ID:	Groundwater Profiling
SEI #:	03-1402
Date Sampled:	9/30 -10/08/2003
Date Analyzed:	9/30 -10/08/2003
Report Date:	10/8/2003

HOLE ID =P30	VOC DATA, ug/L																		INORGANIC DATA, mg/L					COELUTING COMPOUNDS	
Depth	Vinyl Chloride	Q	t-Dichloroethene	Q	c-Dichloroethene	Q	Trichloroethene	Q	Tetrachloroethene	Q	% SS								Fe^{+2}	Fe, Total	Ammonia	Chloride	Chlorine, Total	1,1-DCE / Freon 113	1,2-DCA / Benzene
79.6	1	U	1	U	1	U	1	U	1	U	87								0.06	0.31	0.23	59	0.06	1U	1U
89.6	1	U	1	U	1	U	1	U	**2**		91								0.22	0.55	0.37	53	0.13	**Detect**	1U
99.6	1	U	1	U	1	U	1	U	1	U	98								0.48	1.45	1.70	49	0.31	**Detect**	1U
119.6	1	U	1	U	1	U	1	U	1	U	101								ND	0.10	0.14	55	0.03	1U	1U
128.8	1	U	1	U	1	U	1	U	1	U	90								0.03	0.23	0.27	55	0.05	1U	1U
139.6	1	U	1	U	1	U	1	U	1	U	83								0.77	6.61	1.40	47	0.20	1U	1U
149.6	1	U	1	U	1	U	1	U	1	U	97								0.30	0.90	0.64	38	0.24	1U	1U
186.3	1	U	1	U	1	U	1	U	1	U	104								ND	0.30	0.14	23	ND	1U	1U
194.4	1	U	1	U	1	U	1	U	1	U	89								ND	0.73	0.07	27	0.02	1U	1U
204.6	1	U	1	U	1	U	1	U	**1**		82								ND	0.03	0.02	29	0.02	1U	1U
214.6	1	U	1	U	1	U	1	U	**3**		82								ND	0.03	0.03	45	ND	1U	1U
224.6	1	U	1	U	1	U	1	U	**7**		82								0.04	0.14	0.16	53	0.02	1U	1U
232.9	1	U	1	U	1	U	1	U	**5**		80								0.17	0.39	0.39	49	0.09	1U	1U
244.6	1	U	1	U	1	U	1	U	**66**		97								0.17	0.49	0.29	55	0.09	1U	1U
260.9	1	U	1	U	1	U	1	U	1	U	103								ND	0.04	0.03	48	0.02	1U	1U
269.0	1	U	1	U	1	U	1	U	1	U	95								0.15	0.45	0.44	39	0.11	1U	1U
279.0	1	U	1	U	1	U	1	U	1	U	95								ND	0.07	0.04	124	0.03	1U	1U
289.0	1	U	1	U	1	U	1	U	1	U	97								ND	0.04	0.02	**44**	0.02	1U	1U
298.6	1	U	1	U	1	U	1	U	1	U	101								0.04	0.07	0.03	34	0.04	1U	1U
307.5	1	U	1	U	1	U	1	U	1	U	96								0.03	0.14	0.06	21	0.04	1U	1U
331.0	1	U	1	U	1	U	1	U	1	U	97								ND	0.07	0.09	18	ND	1U	1U
340.0	1	U	1	U	1	U	1	U	**8**		100								0.12	0.23	0.25	20	0.06	1U	1U
345.3	1	U	1	U	1	U	1	U	**6**		102								ND	ND	0.04	21	ND	1U	1U
390.8	1	U	1	U	1	U	1	U	1	U	99								0.22	1.72	0.58	21	0.13	1U	1U
399.2	1	U	1	U	1	U	1	U	1	U	102								0.10	0.54	0.27	12	0.09	1U	1U
406.6	1	U	1	U	1	U	1	U	1	U	97								ND	0.13	0.05	14	ND	1U	1U

	VOC DATA, ug/L																															
Depth	Freon 123A	Q	Freon 123	Q	1,1-Dichloroethane	Q	1,1,1-Trichloroethane	Q	Toluene	Q	Chlorobenzene	Q	Ethylbenzene	Q	m,p-Xylene	Q	o-Xylene	Q	1,3-Dichlorobenzene	Q	1,4-Dichlorobenzene	Q	1,2-Dichlorobenzene	Q	%SS							
79.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	87							
89.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	91							
99.6	1	U	1	U	**27**		**57**		1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	98							
119.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	101							
128.8	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	90							
139.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	83							
149.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	97							
186.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	104							
194.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	89							
204.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	82							
214.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	82							
224.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	82							
232.9	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	80							
244.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	97							
260.9	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	103							
269.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	95							
279.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	95							
289.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	97							
298.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	101							
307.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	96							
331.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	97							
340.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	100							
345.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	102							
390.8	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	99							
399.2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	102							
406.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	97							

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
%SS = Surrogate Recovery
U = Undetected below the specified reporting limit.
J = Estimated value.
ND = Value below detection limit.
NS = Not Sampled

R2-0012069

STONE ENVIRONMENTAL INC DRAFT

Mobile Laboratory Results Sheet

Client:	GTEOSI
Location:	Hicksville, NY
Project ID:	Groundwater Profiling
SEI #:	03-1402
Date Sampled:	1/5-1/24/2004
Date Analyzed:	1/5-1/24/2004
Report Date:	1/24/2004

HOLE ID =P31

	VOC DATA, ug/L											INORGANIC DATA, mg/L					COELUTING COMPOUNDS	
Depth	Vinyl Chloride	Q	t-Dichloroethene	Q	c-Dichloroethene	Q	Trichloroethene	Q	Tetrachloroethene	Q	% SS	Fe^{+2}	Fe, Total	Ammonia	Chloride	Chlorine, Total	1,1-DCE / Freon 113	1,2-DCA / Benzene
79.3	1	U	1	U	1	U	1	U	1	U	93	0.08	0.21	0.22	86	0.06	1U	1U
89.3	1	U	1	U	1	U	1	U	1	U	99	0.12	0.20	0.33	163	0.07	1U	1U
99.3	1	U	1	U	1	U	1	U	1	U	93	0.18	0.60	0.58	160	0.13	1U	1U
111.7	1	U	1	U	1	U	1	U	1	U	93	0.16	0.89	0.44	116	0.07	1U	1U
124.3	1	U	1	U	1	U	1	U	1	U	92	0.20	0.32	0.21	87	0.11	1U	1U
134.3	1	U	1	U	1	U	1	U	1	U	93	0.09	0.27	0.33	80	0.08	1U	1U
143.3	1	U	1	U	1	U	1	U	1	U	88	0.08	0.29	0.35	85	0.05	1U	1U
184.3	1	U	1	U	1	U	1	U	1	U	104	ND	0.09	0.05	44	0.03	1U	1U
190.4	1	U	1	U	1	U	1	U	1	U	94	0.03	0.17	0.16	48	0.03	1U	1U
199.3	1	U	1	U	1	U	1	U	1	U	103	0.11	0.53	0.36	48	0.03	1U	1U
223.8	1	U	1	U	1	U	1	U	1	U	88	0.07	0.20	0.27	61	0.06	1U	1U
233.1	1	U	1	U	1	U	1	U	1	U	82	ND	0.03	0.06	55	ND	1U	1U
244.3	1	U	1	U	1	U	1	U	1	U	88	0.10	0.22	0.23	65	0.07	1U	1U
254.3	1	U	1	U	1	U	1	U	1	U	89	0.11	0.20	0.26	43	0.06	1U	1U
263.7	1	U	1	U	1	U	1	U	1	U	92	0.11	0.63	0.41	30	0.05	1U	1U
284.3	1	U	1	U	1	U	1	U	1	U	98	ND	0.05	0.08	18	0.02	1U	1U
294.3	1	U	1	U	1	U	1	U	1	U	103	ND	ND	0.04	41	0.02	1U	1U
304.3	1	U	1	U	1	U	1	U	1	U	92	0.13	0.97	0.69	40	0.07	1U	1U
344.3	1	U	1	U	1	U	1	U	1	U	103	0.24	0.54	0.28	30	0.08	1U	1U
351.6	1	U	1	U	1	U	1	U	1	U	105	0.07	0.86	0.11	21	0.14	1U	1U
363.2	**3**	J	1	U	1	U	1	U	1	U	90	0.12	0.33	0.29	25	0.08	1U	1U
374.3	1	U	1	U	1	U	1	U	1	U	91	0.07	0.20	0.21	21	0.04	1U	1U
404.3	1	U	1	U	1	U	1	U	1	U	91	0.03	0.07	0.06	14	ND	1U	1U
414.3	1	U	1	U	1	U	1	U	1	U	85	0.11	0.39	0.71	17	ND	1U	1U
444.3	1	U	1	U	1	U	1	U	1	U	104	ND	0.05	0.08	10	0.03	1U	1U
451.4	1	U	1	U	1	U	1	U	1	U	107	0.06	0.24	0.16	35	ND	1U	1U

	VOC DATA, ug/L																								
Depth	Freon 123A	Q	Freon 123	Q	1,1-Dichloroethane	Q	1,1,1-Trichloroethane	Q	Toluene	Q	Chlorobenzene	Q	Ethylbenzene	Q	m,p-Xylene	Q	o-Xylene	Q	1,3-Dichlorobenzene	Q	1,4-Dichlorobenzene	Q	1,2-Dichlorobenzene	Q	%SS
79.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	93
89.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	99
99.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	93
111.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	93
124.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	**2**	U	92
134.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	93
143.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	88
184.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	104
190.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	94
199.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	103
223.8	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	88
233.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	82
244.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	88
254.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	89
263.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	92
284.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	98
294.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	103
304.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	92
344.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	**54**		103
351.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	105
363.2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	90
374.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	91
404.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	91
414.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	85
444.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	104
451.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	107

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
%SS = Surrogate Recovery
U = Undetected below the specified reporting limit.
J = Estimated value.
ND = Value below detection limit.
NS = Not Sampled

R2-0012070

STONE ENVIRONMENTAL INC

DRAFT

Preliminary Mobile Laboratory Results Sheet

Client:	GTEOSI
Location:	Hicksville, NY
Project ID:	Groundwater Profiling
SEI #:	03-1402
Date Sampled:	2/9-2/19/2004
Date Analyzed:	2/9-2/19/2004
Report Date:	2/19/2004

HOLE ID =P32	VOC DATA, ug/L													INORGANIC DATA, mg/L					COELUTING COMPOUNDS	
Depth	Vinyl Chloride	Q	t-Dichloroethene	Q	c-Dichloroethene	Q	Trichloroethene	Q	Tetrachloroethene	Q	% SS	Fe^{+2}	Fe, Total	Ammonia	Chloride	Chlorine, Total	1,1-DCE / Freon 113	1,2-DCA / Benzene
80.0	1	U	1	U	1	U	1	U	1	U	76	0.04	0.15	0.12	132	0.04	1U	1U
89.4	1	U	1	U	1	U	1	U	1	U	76	0.03	0.08	0.09	194	0.06	1U	1U
99.4	1	U	1	U	1	U	1	U	1	U	114	0.14	0.42	0.34	276	0.10	1U	1U
109.4	1	U	1	U	1	U	1	U	1	U	86	0.16	0.45	0.34	66	0.12	1U	1U
119.4	1	U	1	U	1	U	1	U	1	U	110	0.23	0.49	0.51	67	0.12	1U	1U
128.8	1	U	1	U	1	U	1	U	1	U	108	0.09	0.32	0.38	61	0.11	1U	1U
139.4	1	U	1	U	1	U	1	U	1	U	93	0.20	0.83	0.58	72	0.13	1U	1U
174.4	1	U	1	U	1	U	1	U	1	U	110	0.36	1.99	0.88	57	0.11	1U	1U
184.4	1	U	1	U	1	U	1	U	1	U	109	0.11	0.33	0.24	83	0.09	1U	1U
194.4	1	U	1	U	1	U	1	U	1	U	92	0.10	0.44	0.27	80	0.10	1U	1U
224.4	1	U	1	U	1	U	**9**		1	U	94	0.04	0.07	0.02	35	0.03	**Detect**	1U
234.4	1	U	1	U	1	U	**13**		**2**		89	0.05	0.11	0.07	24	0.04	**Detect**	1U
241.0	1	U	1	U	1	U	**3**		1	U	96	0.03	0.07	0.04	33	0.03	**Detect**	1U
251.8	1	U	1	U	1	U	**5**		1	U	101	0.06	0.19	0.13	30	0.05	**Detect**	1U
259.4	1	U	1	U	1	U	**3**		1	U	85	0.04	0.05	0.03	33	0.03	**Detect**	1U
269.4	1	U	1	U	1	U	**3**		1	U	97	0.03	0.12	0.12	25	0.03	**Detect**	1U
279.4	1	U	1	U	1	U	**2**		1	U	98	0.16	0.51	0.36	25	0.06	**Detect**	1U
289.4	1	U	1	U	1	U	1	U	1	U	110	ND	0.04	0.03	22	0.03	1U	1U
299.4	1	U	1	U	1	U	1	U	1	U	106	0.19	0.86	0.69	23	0.08	1U	1U
309.4	1	U	1	U	1	U	1	U	1	U	114	0.05	0.08	0.06	27	0.02	1U	1U
352.0	1	U	1	U	1	U	1	U	1	U	106	0.04	0.09	0.06	20	0.03	1U	1U
359.2	1	U	1	U	1	U	1	U	1	U	94	0.05	0.10	0.09	25	0.04	1U	1U
369.2	1	U	1	U	1	U	1	U	1	U	93	0.08	0.18	0.14	25	0.05	1U	1U
379.3	1	U	1	U	1	U	1	U	1	U	97	0.10	0.36	0.26	20	0.10	1U	1U
387.8	1	U	1	U	1	U	1	U	1	U	89	0.05	0.13	0.11	20	0.04	1U	1U
411.3	1	U	1	U	1	U	1	U	1	U	85	0.05	0.09	0.16	19	0.03	1U	1U
419.3	1	U	1	U	1	U	1	U	1	U	89	0.03	0.05	0.02	19	0.04	1U	1U
426.7	1	U	1	U	1	U	1	U	1	U	90	ND	0.07	0.02	17	0.02	1U	1U
460.9	1	U	1	U	1	U	1	U	1	U	88	0.07	0.16	0.06	15	0.04	1U	1U
481.0	1	U	1	U	1	U	1	U	1	U	87	0.09	0.13	0.07	12	0.04	1U	1U
488.9	1	U	1	U	1	U	1	U	1	U	84	0.03	0.03	0.08	11	0.03	1U	1U

	VOC DATA, ug/L																													
Depth	Freon 123A	Q	Freon 123	Q	1,1-Dichloroethane	Q	1,1,1-Trichloroethane	Q	Toluene	Q	Chlorobenzene	Q	Ethylbenzene	Q	m,p-Xylene	Q	o-Xylene	Q	1,3-Dichlorobenzene	Q	1,4-Dichlorobenzene	Q	1,2-Dichlorobenzene	Q	%SS
80.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	76
89.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	76
99.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	114
109.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	86
119.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	110
128.8	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	108
139.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	93
174.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	110
184.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	109
194.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	92
224.4	1	U	1	U	**3**		**2**		1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	94
234.4	1	U	1	U	**3**		**2**		1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	89
241.0	1	U	1	U	**3**		1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	96
251.8	1	U	1	U	**4**		**1**		1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	101
259.4	1	U	1	U	**5**		**3**		1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	85
269.4	1	U	1	U	**2**		1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	97
279.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	98
289.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	110
299.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	106
309.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	114
352.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	106
359.2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	94
369.2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	93
379.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	97
387.8	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	89
411.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	85
419.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	89
426.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	90
460.9	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	88
481.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	87
488.9	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	84

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
%SS = Surrogate Recovery
U = Undetected below the specified reporting limit.
J = Estimated value.
ND = Value below detection limit.
NS = Not Sampled

R2-0012071

STONE ENVIRONMENTAL INC

DRAFT

Mobile Laboratory Results Sheet

Client: GTEOSI
Location: Hicksville, NY
Project ID: Groundwater Profiling
SEI #: 03-1402
Date Sampled: 12/05-12/15/2003
Date Analyzed: 12/05-12/15/2003
Report Date: 12/15/2003

HOLE ID =P33

Depth	VOC DATA, ug/L											INORGANIC DATA, mg/L					COELUTING COMPOUNDS	
	Vinyl Chloride	Q	t-Dichloroethene	Q	c-Dichloroethene	Q	Trichloroethene	Q	Tetrachloroethene	Q	% SS	Fe^{+2}	Fe, Total	Ammonia	Chloride	Chlorine, Total	1,1-DCE / Freon 113	1,2-DCA / Benzene
79.6	1	U	1	U	1	U	1	U	1	U	82	0.04	0.17	0.11	825	0.05	1U	1U
89.6	1	U	1	U	1	U	1	U	1	U	84	0.05	0.39	0.25	1320	0.07	1U	1U
99.6	1	U	1	U	1	U	1	U	1	U	94	0.09	0.53	0.39	233	0.16	1U	1U
109.6	1	U	1	U	1	U	1	U	1	U	93	0.04	0.22	0.14	365	0.08	1U	1U
119.6	1	U	1	U	1	U	1	U	1	U	89	0.16	0.57	0.51	302	0.15	1U	1U
129.6	1	U	1	U	1	U	1	U	1	U	97	0.05	0.19	0.09	438	0.05	1U	1U
139.6	1	U	1	U	1	U	1	U	1	U	95	0.03	0.19	0.15	570	0.06	1U	1U
149.6	1	U	1	U	1	U	1	U	1	U	93	0.07	0.23	0.16	568	0.05	1U	1U
159.6	1	U	1	U	1	U	1	U	1	U	89	0.04	0.19	0.11	450	0.06	**Detect**	1U
169.6	1	U	1	U	1	U	1		1	U	91	0.04	0.08	0.05	84	0.06	**Detect**	1U
179.6	1	U	1	U	1	U	1	U	1	U	91	ND	0.08	0.05	221	0.05	**Detect**	1U
189.6	1	U	1	U	1	U	1	U	1	U	92	0.03	0.13	0.11	233	0.05	**Detect**	1U
198.1	1	U	1	U	1	U	1	U	1	U	89	ND	0.07	0.04	302	0.04	**Detect**	1U
214.6	1	U	1	U	1	U	1	U	1	U	86	0.73	1.63	0.30	490	0.33	1U	1U
224.6	1	U	1	U	1	U	1	U	1	U	104	0.08	0.19	0.05	795	0.03	1U	1U
234.6	**2**	UJ	1	U	1	U	1	U	1	U	101	ND	0.09	0.02	1170	0.03	1U	1U
244.6	**5**	J	1	U	1	U	1	U	1	U	104	0.24	0.37	0.03	1650	0.19	1U	1U
254.6	**5**	J	1	U	1	U	1	U	1	U	100	ND	0.12	0.04	1775	0.03	1U	1U
264.6	1	U	1	U	1	U	1	U	1	U	99	0.16	0.63	0.54	980	0.05	1U	1U
274.6	1	U	1	U	1	U	1	U	1	U	101	ND	ND	0.05	990	ND	1U	1U
284.6	1	U	1	U	1	U	1	U	1	U	104	0.14	0.18	0.37	22	0.05	1U	1U
294.6	1	U	1	U	1	U	1	U	1	U	102	ND	ND	0.04	16	0.02	1U	1U
304.6	1	U	1	U	1	U	1	U	1	U	98	0.07	0.16	0.17	31	0.09	1U	1U
344.3	1	U	1	U	1	U	1	U	1	U	91	0.93	1.20	0.22	18	0.03	1U	1U
374.3	1	U	1	U	1	U	1	U	1	U	97	0.06	0.21	0.08	21	0.05	1U	1U
412.4	1	U	1	U	1	U	1	U	1	U	99	0.05	0.13	0.05	13	0.02	1U	1U
423.8	**2**		1	U	1	U	1	U	1	U	94	0.09	0.14	0.15	13	0.07	1U	1U
432.6	**2**		1	U	1	U	1	U	1	U	93	ND	0.10	ND	10	0.02	1U	1U
454.3	1	U	1	U	1	U	1	U	1	U	103	0.51	1.45	0.24	11	0.24	1U	1U
481.1	1	U	1	U	1	U	1	U	1	U	113	0.08	0.26	0.09	11	0.04	1U	1U

Depth	VOC DATA, ug/L																								
	Freon 123A	Q	Freon 123	Q	1,1-Dichloroethane	Q	1,1,1-Trichloroethane	Q	Toluene	Q	Chlorobenzene	Q	Ethylbenzene	Q	m,p-Xylene	Q	o-Xylene	Q	1,3-Dichlorobenzene	Q	1,4-Dichlorobenzene	Q	1,2-Dichlorobenzene	Q	%SS
79.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	82
89.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	84
99.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	94
109.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	93
119.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	89
129.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	97
139.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	95
149.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	93
159.6	1	U	1	U	1	U	**1**		1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	89
169.6	1	U	1	U	**5**		**5**		1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	91
179.6	1	U	1	U	**2**		**2**		1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	91
189.6	1	U	1	U	**1**		**2**		1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	92
198.1	1	U	1	U	**2**		**2**		1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	89
214.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	86
224.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	104
234.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	101
244.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	104
254.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	100
264.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	99
274.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	101
284.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	104
294.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	102
304.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	98
344.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	91
374.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	97
412.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	99
423.8	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	94
432.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	93
454.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	**1**		103
481.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	113

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
%SS = Surrogate Recovery
U = Undetected below the specified reporting limit.
J = Estimated value.

R2-0012072

STONE ENVIRONMENTAL INC

DRAFT

Mobile Laboratory Results Sheet

Client: GTEOSI
Location: Hicksville, NY
Project ID: Groundwater Profiling
SEI #: 03-1402
Date Sampled: 11/21-12/03/2003
Date Analyzed: 11/21-12/03/2003
Report Date: 12/3/2003

HOLE ID =P34	VOC DATA, ug/L												INORGANIC DATA, mg/L					COELUTING COMPOUNDS	
Depth	Vinyl Chloride	Q	t-Dichloroethene	Q	c-Dichloroethene	Q	Trichloroethene	Q	Tetrachloroethene	Q	% SS		Fe^{+2}	Fe, Total	Ammonia	Chloride	Chlorine, Total	1,1-DCE / Freon 113	1,2-DCA / Benzene
79.6	1	U	1	U	1	U	1	U	1	U	91		0.08	0.26	0.11	111	0.02	1U	1U
89.6	1	U	1	U	1	U	1	U	1	U	94		0.19	0.39	0.10	146	0.04	1U	1U
99.6	1	U	1	U	1	U	1	U	1	U	88		0.16	0.40	0.05	32	ND	1U	1U
109.6	1	U	1	U	1	U	1	U	1	U	83		0.22	0.51	0.54	72	0.09	1U	1U
119.6	1	U	1	U	1	U	1	U	1	U	89		0.15	0.67	0.42	146	0.04	1U	1U
129.6	1	U	1	U	1	U	1	U	1	U	91		0.05	0.27	0.12	42	0.03	1U	1U
139.6	1	U	1	U	1	U	1	U	1	U	84		0.04	0.16	0.07	67	0.02	1U	1U
154.6	1	U	1	U	1	U	1	U	1	U	88		0.03	0.10	0.03	59	0.03	1U	1U
164.6	1	U	1	U	1	U	1	U	1	U	89		0.05	0.07	0.04	65	0.02	1U	1U
174.6	1	U	1	U	1	U	1	U	1	U	100		0.04	0.12	0.10	75	0.03	1U	1U
184.6	1	U	1	U	1	U	1	U	1	U	102		0.04	0.14	0.10	72	0.03	1U	1U
194.6	1	U	1	U	1	U	1	U	1	U	94		0.03	0.07	0.04	76	0.02	1U	1U
204.6	1	U	1	U	1	U	**2**		1	U	89		ND	0.11	0.09	74	0.03	1U	1U
214.6	1	U	1	U	1	U	**1**		1	U	84		0.05	0.11	0.09	75	0.04	1U	1U
224.6	1	U	1	U	1	U	**3**		1		94		0.03	0.05	0.03	57	0.02	**Detect**	1U
234.6	1	U	1	U	1	U	**2**		2		99		0.04	0.10	0.06	31	ND	**Detect**	1U
244.6	1	U	1	U	1	U	**2**		2		92		0.05	0.09	0.08	27	ND	**Detect**	1U
254.6	1	U	1	U	1	U	**5**		1		102		0.04	0.07	0.05	31	0.02	**Detect**	1U
264.6	1	U	1	U	1	U	**3**		1		106		0.05	0.22	0.12	30	0.05	**Detect**	1U
284.6	1	U	1	U	1	U	**13**		1		92		0.24	1.45	0.27	34	0.11	**Detect**	1U
294.6	1	U	1	U	1	U	**15**		2		101		0.26	0.58	0.15	36	0.11	**Detect**	1U
304.5	1	U	1	U	1	U	**10**		1		96		0.05	0.10	0.04	35	0.02	**Detect**	1U
324.5	1	U	1	U	1	U	**12**		1		85		ND	0.08	0.02	40	0.02	**Detect**	1U
334.5	1	U	1	U	1	U	**6**		1	U	87		ND	ND	ND	33	0.02	**Detect**	1U
352.7	1	U	1	U	1	U	1	U	1	U	114		0.05	0.11	0.08	23	0.02	1U	1U
384.4	1	U	1	U	1	U	1	U	1	U	76		ND	0.06	0.02	14	ND	1U	1U
394.6	1	U	1	U	1	U	1	U	1	U	77		ND	0.04	0.13	22	0.03	1U	1U
401.6	1	U	1	U	1	U	1	U	1	U	80		0.05	0.08	0.13	25	0.04	1U	1U

	VOC DATA, ug/L																														
Depth	Freon 123A	Q	Freon 123	Q	1,1-Dichloroethane	Q	1,1,1-Trichloroethane	Q	Toluene	Q	Chlorobenzene	Q	Ethylbenzene	Q	m,p-Xylene	Q	o-Xylene	Q	1,3-Dichlorobenzene	Q	1,4-Dichlorobenzene	Q	1,2-Dichlorobenzene	Q	%SS
79.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	91
89.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	94
99.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	88
109.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	83
119.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	89
129.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	91
139.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	84
154.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	88
164.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	89
174.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	100
184.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	102
194.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	94
204.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	89
214.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	84
224.6	1	U	1	U	1	U	**1**		1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	94
234.6	1	U	1	U	1	U	**2**		1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	99
244.6	1	U	1	U	**2**		**3**		1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	92
254.6	1	U	1	U	**3**		**4**		1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	102
264.6	1	U	1	U	**3**		**4**		1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	106
284.6	1	U	1	U	**7**		**7**		1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	92
294.6	1	U	1	U	**6**		**8**		1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	101
304.5	1	U	1	U	**7**		**7**		1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	96
324.5	1	U	1	U	**5**		**7**		1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	85
334.5	1	U	1	U	**6**		**4**		1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	87
352.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	114
384.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	76
394.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	77
401.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	80

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
%SS = Surrogate Recovery
U = Undetected below the specified reporting limit.
J = Estimated value.
ND = Value below detection limit

R2-0012073

STONE ENVIRONMENTAL INC

DRAFT

Mobile Laboratory Results Sheet

Client:	GTEOSI
Location:	Hicksville, NY
Project ID:	Groundwater Profiling
SEI #:	03-1402
Date Sampled:	7/9 - 7/14/03
Date Analyzed:	7/9 - 7/14/03
Report Date:	7/14/03

HOLE ID = P35	VOC DATA, ug/L													INORGANIC DATA, mg/L					COELUTING COMPOUNDS	
Depth	Vinyl Chloride	Q	t-Dichloroethene	Q	c-Dichloroethene	Q	Trichloroethene	Q	Tetrachloroethene	Q	% SS	Fe^{+2}	Fe, Total	Ammonia	Chloride	Chlorine, Total	1,1-DCE / Freon 113	1,2-DCA / Benzene
77.2	1	U	1	U	1	U	1	U	**10**		95	0.04	0.09	0.02	21	ND	1 U	1 U
87.2	1	U	1	U	1	U	1	U	**7**		101	ND	0.07	0.04	14	0.04	1 U	1 U
97.2	1	U	1	U	1	U	1	U	**11**		89	ND	0.11	0.11	16	0.03	1 U	1 U
107.2	1	U	1	U	1	U	1	U	1	U	106	NS	NS	NS	NA	NS	1 U	1 U
117.2	1	U	1	U	1	U	1	U	**4**		110	ND	0.54	0.10	43	0.03	1 U	1 U
127.2	1	U	1	U	1	U	**20**		1	U	107	ND	0.05	0.05	75	0.02	1 U	1 U
137.2	1	U	1	U	**9**		**97**		**5**		118	0.03	0.08	0.07	51	0.03	1 U	1 U
147.2	1	U	1	U	**12**		**110**		**1**		101	0.03	0.12	0.06	65	ND	1 U	1 U
157.2	1	U	1	U	**18**		**100**		**20**		113	ND	0.19	0.05	100	ND	1 U	1 U
167.2	4	U	4	U	**27**		**400**		**6**		107	0.06	0.12	0.11	62	0.02	4 U	4 U
177.2	1	U	1	U	**12**		**110**		**2**		102	ND	0.05	0.09	169	0.02	1 U	1 U
187.2	1	U	1	U	**5**		**37**		1	U	115	0.16	0.38	0.30	197	0.1	1 U	1 U
197.2	1	U	1	U	**4**		**51**		**1**		108	ND	0.04	0.10	255	ND	1 U	1 U
207.2	1	U	1	U	**2**		**36**		1	U	118	ND	0.06	0.07	94	0.02	1 U	1 U
217.2	1	U	1	U	**5**		**62**		**1**		94	0.16	0.39	0.25	57	0.09	1 U	1 U
227.2	1	U	1	U	1	U	**2**		1	U	110	0.04	0.10	0.10	43	0.02	1 U	1 U
237.2	1	U	1	U	1	U	**1**		1	U	110	ND	0.10	0.04	107	ND	1 U	1 U
247.2	1	U	1	U	1	U	1	U	1	U	113	0.04	0.08	0.10	96	0.02	1 U	1 U
257.2	1	U	1	U	1	U	1	U	1	U	92	ND	ND	0.04	94	ND	1 U	1 U
267.2	1	U	1	U	1	U	1	U	1	U	110	0.03	0.08	0.08	93	ND	1 U	1 U
277.2	1	U	1	U	1	U	1	U	1	U	104	ND	0.06	0.09	72	0.03	1 U	1 U
292.2	1	U	1	U	1	U	1	U	1	U	93	0.40	2.40	0.50	370	0.3	1 U	1 U
322.2	1	U	1	U	1	U	1	U	1	U	104	0.03	0.09	0.11	447	0.04	1 U	1 U
332.2	1	U	1	U	1	U	1	U	**1**		109	0.14	0.26	0.40	402	0.05	1 U	1 U
342.2	1	U	1	U	1	U	1	U	**2**		107	ND	0.22	0.11	443	0.05	1 U	1 U
347.2	1	U	1	U	1	U	1	U	1	U	103	1.60	50.80	7.00	59	0.4	1 U	1 U

	VOC DATA, ug/L																											
Depth	Freon 123A	Q	Freon 123	Q	1,1-Dichloroethane	Q	1,1,1-Trichloroethane	Q	Toluene	Q	Chlorobenzene	Q	Ethylbenzene	Q	m,p-Xylene	Q	o-Xylene	Q	1,3-Dichlorobenzene	Q	1,4-Dichlorobenzene	Q	1,2-Dichlorobenzene	Q	%SS
77.2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	95
87.2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	101
97.2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	89
107.2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	106
117.2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	110
127.2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	107
137.2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	118
147.2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	101
157.2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	113
167.2	4	U	4	U	4	U	4	U	4	U	4	U	4	U	8	U	4	U	4	U	4	U	4	U	107
177.2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	102
187.2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	115
197.2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	108
207.2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	118
217.2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	94
227.2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	110
237.2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	110
247.2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	113
257.2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	92
267.2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	110
277.2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	104
292.2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	93
322.2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	104
332.2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	109
342.2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	107
347.2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	103

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
%SS = Surrogate Recovery
U = Undetected below the specified reporting limit.
J = Estimated value.
ND = Value below detection limit.
NS = Not Sampled

STONE ENVIRONMENTAL INC

DRAFT

Mobile Laboratory Results Sheet

Client:	GTEOSI
Location:	Hicksville, NY
Project ID:	Groundwater Profiling
SEI #:	03-1402
Date Sampled:	8/18 - 8/26/03
Date Analyzed:	8/19 - 8/26/03
Report Date:	8/26/2003

HOLE ID =P36	VOC DATA, ug/L												INORGANIC DATA, mg/L					COELUTING COMPOUNDS	
Depth	Vinyl Chloride	Q	t-Dichloroethene	Q	c-Dichloroethene	Q	Trichloroethene	Q	Tetrachloroethene	Q	% SS		Fe^{+2}	Fe, Total	Ammonia	Chloride	Chlorine, Total	1,1-DCE / Freon 113	1,2-DCA / Benzene
Equip. Blank	1	U	1	U	1	U	1	U	1	U	118							1U	1U
76.7	1	U	1	U	1	U	**3**		**4**		121		0.16	0.53	0.23	106	0.10	1U	1U
86.7	1	U	1	U	1	U	**20**		**20**		119		ND	0.52	0.15	40	0.02	1U	1U
96.7	20	U	20	U	**45**		**240**		**210**		119		0.64	1.91	0.60	50	0.04	20U	20U
106.7	20	U	20	U	**120**		**740**		**580**		119		3.70	4.5	0.32	53	0.06	20U	20U
116.7	2	U	2	U	**37**		**120**		**64**		122		7.00	7.2	0.22	66	0.07	2U	2U
126.7	2	U	2	U	**46**		**85**		**64**		117		23.90	25.1	0.24	66	ND	2U	2U
136.7	1	U	1	U	**33**		**32**		**23**		114		3.70	5.2	0.06	36	ND	**Detect**	1U
146.7	2	U	2	U	2	U	**18**		**120**		119		13.80	16.6	0.58	45	0.02	2U	2U
156.7	5	U	5	U	5	U	**69**		**410**		101		14.70	16.7	0.70	8	ND	5U	5U
166.7	5	U	5	U	5	U	**52**		**430**		101		3.50	6.4	0.58	23	0.05	5U	5U
176.7	5	U	5	U	5	U	**240**		**310**		106		0.25	3.8	1.1	44	0.11	5U	5U
186.7	5	U	5	U	5	U	**9**		**530**		107		0.34	1.56	0.30	120	0.03	5U	5U
196.7	2	U	2	U	2	U	2	U	**180**		92		0.33	1.23	0.70	122	0.08	2U	2U
206.7	1	U	1	U	1	U	1	U	**43**		100		0.08	0.11	0.22	146	0.03	1U	1U
216.7	1	U	1	U	1	U	1	U	**2**		107		0.10	0.79	0.25	182	0.05	1U	1U
226.7	1	U	1	U	1	U	1	U	**11**		111		0.13	1.06	0.20	268	0.07	1U	1U
236.7	1	U	1	U	1	U	1	U	1	U	92		0.04	0.23	0.11	316	0.03	1U	1U
266.8	1	U	1	U	1	U	**12**		**11**		102		ND	0.04	0.04	428	ND	1U	1U
282.0	2	U	2	U	**3**		**190**		2	U	98		0.05	0.11	0.05	121	ND	**Detect**	2U
292.4	3	U	3	U	3	U	**51**		**290**		99		ND	0.03	0.07	613	0.06	3U	3U
328.4	1	U	1	U	1	U	**16**		**65**		97		0.10	0.22	0.25	710	0.06	1U	1U
371.3	1	U	1	U	1	U	1	U	**5**		100		0.32	0.66	0.14	159	0.03	1U	1U
475.2	1	U	1	U	1	U	1	U	1	U	104		0.07	0.67	0.17	53	0.03	1U	1U

	VOC DATA, ug/L																													
Depth	Freon 123A	Q	Freon 123	Q	1,1-Dichloroethane	Q	1,1,1-Trichloroethane	Q	Toluene	Q	Chlorobenzene	Q	Ethylbenzene	Q	m,p-Xylene	Q	o-Xylene	Q	1,3-Dichlorobenzene	Q	1,4-Dichlorobenzene	Q	1,2-Dichlorobenzene	Q	%SS
Equip. Blank	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	118
76.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	121
86.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	119
96.7	20	U	20	U	20	U	20	U	20	U	20	U	20	U	40	U	20	U	20	U	20	U	**1400**		119
106.7	20	U	20	U	20	U	20	U	20	U	20	U	**150**		**220**		**330**		**45**		**40**		**5000**		119
116.7	2	U	2	U	2	U	2	U	2	U	2	U	2	U	4	U	2	U	2	U	2	U	**24**		122
126.7	2	U	2	U	2	U	2	U	2	U	2	U	2	U	4	U	2	U	2	U	2	U	**15**		117
136.7	1	U	1	U	**10**		1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	**9**		114
146.7	2	U	2	U	**4**		2	U	2	U	2	U	2	U	4	U	2	U	2	U	2	U	**6**		119
156.7	5	U	5	U	5	U	5	U	5	U	5	U	5	U	10	U	5	U	5	U	5	U	5	U	101
166.7	5	U	5	U	5	U	5	U	5	U	5	U	5	U	10	U	5	U	5	U	5	U	5	U	101
176.7	5	U	5	U	5	U	5	U	5	U	5	U	5	U	10	U	5	U	5	U	5	U	5	U	106
186.7	5	U	5	U	5	U	5	U	5	U	5	U	5	U	10	U	5	U	5	U	5	U	5	U	107
196.7	2	U	2	U	2	U	2	U	2	U	2	U	2	U	4	U	2	U	2	U	2	U	2	U	92
206.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	**1**		100
216.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	**1**		107
226.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	**2**		111
236.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	**1**		92
266.8	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	102
282.0	2	U	2	U	2	U	2	U	2	U	2	U	2	U	4	U	2	U	2	U	2	U	2	U	98
292.4	3	U	3	U	3	U	3	U	3	U	3	U	3	U	6	U	3	U	3	U	3	U	3	U	99
328.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	97
371.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	100
475.2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	104

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
%SS = Surrogate Recovery
U = Undetected below the specified reporting limit.
J = Estimated value.
ND = Value below detection limit.
NS = Not Sampled

STONE ENVIRONMENTAL INC

DRAFT

Mobile Laboratory Results Sheet

Client: GTEOSI
Location: Hicksville, NY
Project ID: Groundwater Profiling
SEI #: 03-1402
Date Sampled: 8/19 - 8/27/03
Date Analyzed: 8/19 - 8/27/03
Report Date: 8/27/2003

HOLE ID =P37	VOC DATA, ug/L																				INORGANIC DATA, mg/L					COELUTING COMPOUNDS	
Depth	Vinyl Chloride	Q	t-Dichloroethene	Q	c-Dichloroethene	Q	Trichloroethene	Q	Tetrachloroethene	Q	% SS										Fe^{+2}	Fe, Total	Ammonia	Chloride	Chlorine, Total	1,1-DCE / Freon 113	1,2-DCA / Benzene
79.3	1	U	1	U	1	U	1	U	1	U	118										ND	0.15	0.04	16	ND	1U	1U
90.0	1	U	1	U	1	U	1	U	**15**		120										4.40	11.0	0.42	24	ND	1U	1U
100.0	2	U	2	U	2	U	2	U	**220**		116										0.16	0.59	0.19	18	ND	2U	2U
110.0	2	U	2	U	2	U	2	U	**220**		105										1.28	1.50	0.20	34	ND	2U	2U
120.0	1	U	1	U	1	U	**24**		**30**		115										0.41	0.64	0.15	40	0.02	1U	1U
130.0	1	U	1	U	1	U	**37**		**13**		109										0.18	0.27	1.0	40	ND	1U	1U
140.0	1	U	1	U	1	U	**29**		**5**		110										10.90	12.1	1.4	46	ND	1U	1U
150.0	1	U	1	U	1	U	**11**		**27**		111										33.20	41.2	1.8	65	ND	1U	1U
160.0	1	U	1	U	1	U	**8**		**110**		116										0.24	0.27	2.8	45	ND	1U	1U
170.0	1	U	1	U	1	U	**6**		**5**		101										0.22	1.45	0.40	106	0.03	1U	1U
180.0	1	U	1	U	1	U	**4**		**2**		108										4.10	5.8	0.80	111	0.05	1U	1U
190.0	1	U	1	U	1	U	**1**		**1**		108										2.60	4.0	4.5	130	0.02	1U	1U
224.6	1	U	1	U	1	U	**6**		**9**		107										0.21	1.30	2.6	218	0.18	1U	1U
264.9	1	U	1	U	1	U	**2**		**3**		102										0.10	1.31	0.13	182	0.07	1U	1U
274.9	1	U	1	U	1	U	**4**		**7**		103										ND	0.24	0.09	210	0.04	1U	1U
284.4	12	U	12	U	12	U	**520**		**1100**		104										0.05	0.20	0.08	250	ND	12U	12U
304.8	2	U	2	U	2	U	**120**		**83**		102										0.44	1.82	0.70	193	0.24	2U	2U
314.8	1	U	1	U	1	U	**49**		**36**		96										ND	0.10	0.06	128	ND	1U	1U
324.8	1	U	1	U	1	U	**1**		**3**		105										0.07	0.17	0.21	55	0.05	1U	1U
333.2	1	U	1	U	1	U	1	U	**2**		101										ND	0.24	0.13	103	ND	1U	1U
356.2	1	U	1	U	1	U	**2**		**14**		105										0.12	0.47	0.32	224	0.08	1U	1U
385.0	1	U	1	U	1	U	1	U	1	U	108										ND	0.04	0.03	30	0.05	1U	1U
394.5	1	U	1	U	1	U	1	U	1	U	101										0.15	0.80	0.20	24	0.07	1U	1U

	VOC DATA, ug/L																															
Depth	Freon 123A	Q	Freon 123	Q	1,1-Dichloroethane	Q	1,1,1-Trichloroethane	Q	Toluene	Q	Chlorobenzene	Q	Ethylbenzene	Q	m,p-Xylene	Q	o-Xylene	Q	1,3-Dichlorobenzene	Q	1,4-Dichlorobenzene	Q	1,2-Dichlorobenzene	Q	%SS							
79.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	118							
90.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	120							
100.0	2	U	2	U	2	U	2	U	2	U	2	U	2	U	4	U	2	U	2	U	2	U	2	U	116							
110.0	2	U	2	U	2	U	2	U	2	U	2	U	2	U	4	U	2	U	**3**		2	U	2	U	105							
120.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	115							
130.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	109							
140.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	110							
150.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	111							
160.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	116							
170.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	101							
180.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	108							
190.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	108							
224.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	107							
264.9	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	102							
274.9	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	103							
284.4	12	U	12	U	12	U	12	U	12	U	12	U	12	U	24	U	12	U	12	U	12	U	**38**		104							
304.8	2	U	2	U	2	U	2	U	2	U	2	U	2	U	4	U	2	U	2	U	2	U	2	U	102							
314.8	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	96							
324.8	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	105							
333.2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	101							
356.2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	105							
385.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	108							
394.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	101							

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
%SS = Surrogate Recovery
U = Undetected below the specified reporting limit.
J = Estimated value.
ND = Value below detection limit.
NS = Not Sampled

STONE ENVIRONMENTAL INC DRAFT

Mobile Laboratory Results Sheet

Client:	GTEOSI
Location:	Hicksville, NY
Project ID:	Groundwater Profiling
SEI #:	03-1402
Date Sampled:	9/16-9/24/2003
Date Analyzed:	9/16-9/24/2003
Report Date:	9/24/2003

HOLE ID =P38	VOC DATA, ug/L											INORGANIC DATA, mg/L					COELUTING COMPOUNDS	
Depth	Vinyl Chloride	Q	t-Dichloroethene	Q	c-Dichloroethene	Q	Trichloroethene	Q	Tetrachloroethene	Q	% SS	Fe^{+2}	Fe, Total	Ammonia	Chloride	Chlorine, Total	1,1-DCE / Freon 113	1,2-DCA / Benzene
76.7	1	U	1	U	1	U	1	U	1	U	93	ND	0.15	0.04	114	ND	1U	1U
86.7	1	U	1	U	1	U	1	U	**1**		88	0.03	0.09	0.07	39	0.04	1U	1U
96.8	1	U	1	U	1	U	1	U	**3**		93	ND	0.17	0.11	41	0.04	1U	1U
106.7	1	U	1	U	1	U	1	U	**4**		99	ND	0.20	0.12	38	0.02	1U	1U
116.7	1	U	1	U	1	U	1	U	**5**		94	0.31	0.33	0.18	24	0.05	1U	1U
126.7	1	U	1	U	1	U	1	U	**34**		90	0.03	0.19	0.08	20	ND	1U	1U
136.7	1	U	1	U	1	U	1	U	**45**		106	0.09	0.16	0.05	19	ND	1U	1U
146.7	1	U	1	U	1	U	**3**		**54**		102	0.10	0.63	0.18	22	0.03	**Detect**	1U
152.5	4	U	4	U	**10**		**220**		**310**		110	0.23	0.30	1.0	47	ND	**Detect**	4U
166.3	1	U	1	U	1	U	1	U	**100**		110	0.20	0.27	3.9	213	ND	1U	1U
176.3	1	U	1	U	1	U	**1**		**48**		112	0.18	0.25	1.7	215	ND	1U	1U
186.3	1	U	1	U	1	U	1	U	**38**		108	0.28	0.32	8.8	193	ND	**Detect**	1U
207.5	1	U	1	U	1	U	**16**		**9**		113	0.18	0.47	5.2	145	ND	**Detect**	1U
216.3	1	U	1	U	**1**		**31**		**26**		93	0.19	0.62	2.7	135	0.04	**Detect**	1U
226.3	4	U	4	U	**15**		**360**		**50**		104	0.11	0.46	0.48	50	0.07	4U	4U
260.7	1	U	1	U	1	U	1	U	**2**		99	0.15	0.44	0.13	26	0.05	**Detect**	1U
312.9	1	U	1	U	**1**		**43**		**11**		101	ND	0.07	0.04	41	0.02	1U	1U
322.9	2	U	2	U	2	U	**100**		**54**		98	0.12	0.34	0.08	37	0.05	2U	2U
332.3	3	U	3	U	**14**		**310**		**32**		103	0.16	0.55	0.12	54	0.03	3U	3U
341.1	5	U	5	U	**28**		**470**		**7**		97	ND	ND	0.06	45	0.04	5U	5U
370.1	2	U	2	U	**3**		**160**		**31**		104	0.04	0.10	0.06	61	0.04	2U	2U
381.3	1	U	1	U	1	U	**34**		**7**		98	ND	0.04	0.03	39	ND	1U	1U
391.3	1	U	1	U	1	U	**23**	E	**3**		89	ND	ND	ND	34	ND	1U	1U
400.2	1	U	1	U	1	U	1	U	1	U	89	NS	NS	NS	NS	NS	1U	1U

	VOC DATA, ug/L																								
Depth	Freon 123A	Q	Freon 123	Q	1,1-Dichloroethane	Q	1,1,1-Trichloroethane	Q	Toluene	Q	Chlorobenzene	Q	Ethylbenzene	Q	m,p-Xylene	Q	o-Xylene	Q	1,3-Dichlorobenzene	Q	1,4-Dichlorobenzene	Q	1,2-Dichlorobenzene	Q	%SS
76.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	93
86.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	88
96.8	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	93
106.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	99
116.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	94
126.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	90
136.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	106
146.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	102
152.5	4	U	4	U	4	U	4	U	4	U	4	U	4	U	8	U	4	U	4	U	4	U	**7**		110
166.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	110
176.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	112
186.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	108
207.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	**1**		113
216.3	1	U	1	U	**2**		1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	**2**		93
226.3	4	U	4	U	4	U	4	U	4	U	4	U	4	U	8	U	4	U	4	U	4	U	4	U	104
260.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	99
312.9	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	101
322.9	2	U	2	U	2	U	2	U	2	U	2	U	2	U	4	U	2	U	2	U	2	U	2	U	98
332.3	3	U	3	U	3	U	3	U	3	U	3	U	3	U	6	U	3	U	3	U	3	U	3	U	103
341.1	5	U	5	U	5	U	5	U	5	U	5	U	5	U	10	U	5	U	5	U	5	U	5	U	97
370.1	2	U	2	U	2	U	2	U	2	U	2	U	2	U	4	U	2	U	2	U	2	U	2	U	104
381.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	98
391.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	89
400.2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	89

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
%SS = Surrogate Recovery
U = Undetected below the specified reporting limit.
J = Estimated value.
ND = Value below detection limit.
NS = Not Sampled

STONE ENVIRONMENTAL INC

DRAFT

Mobile Laboratory Results Sheet

Client:	GTEOSI
Location:	Hicksville, NY
Project ID:	Groundwater Profiling
SEI #:	03-1402
Date Sampled:	7/23 - 7/30/03
Date Analyzed:	7/23 - 7/30/03
Report Date:	7/30/03

HOLE ID = P42

Depth	VOC DATA, ug/L																						INORGANIC DATA, mg/L					COELUTING COMPOUNDS	
	Vinyl Chloride	Q	t-Dichloroethene	Q	c-Dichloroethene	Q	Trichloroethene	Q	Tetrachloroethene	Q	% SS												Fe^{+2}	Fe, Total	Ammonia	Chloride	Chlorine, Total	1,1-DCE / Freon 113	1,2-DCA / Benzene
79.6	1	U	1	U	1	U	1	U	1	U	91												0.03	0.07	0.02	15	0.02	1 U	1 U
89.6	1	U	1	U	1	U	1	U	1	U	91												ND	0.06	0.03	26	0.03	1 U	1 U
99.6	1	U	1	U	1	U	1	U	1	U	99												0.03	0.08	0.06	65	0.02	1 U	1 U
109.6	1	U	1	U	1	U	1	U	1	U	102												ND	0.07	0.07	79	0.02	1 U	1 U
119.6	20	U	20	U	**180**		**80**		**1600**		110												0.16	0.27	2.90	37	0.02	20 U	20 U
129.6	20	U	20	U	**95**		**34**		**1900**		112												0.15	0.24	1.40	39	0.02	20 U	20 U
139.6	20	U	20	U	**130**		**45**		**4600**		113												9.80	10.05	0.55	40	ND	20 U	20 U
149.6	20	U	20	U	**75**		**29**		**2200**		112												0.26	0.54	0.14	49	0.02	20 U	20 U
159.6	20	U	20	U	**36**		20	U	**1300**		119												26.70	31.90	0.67	76	0.03	20 U	20 U
169.4	1	U	1	U	**2**		**20**		**8**		107												0.11	0.14	2.45	172	ND	1 U	1 U
179.6	20	U	20	U	**87**		**160**		**760**		118												0.06	0.12	0.07	88	ND	20 U	20 U
189.6	20	U	20	U	20	U	20	U	**750**		113												0.03	0.07	0.05	51	ND	20 U	20 U
197.7	1	U	1	U	1	U	**5**	U	**48**		112												ND	0.03	0.26	62	0.02	1 U	1 U
202.8	1	U	1	U	1	U	1	U	**87**		111												ND	0.05	0.20	76	ND	1 U	1 U
217.2	20	U	20	U	20	U	**31**		**2400**		112												ND	0.04	0.05	49	ND	20 U	20 U
224.6	20	U	20	U	20	U	**44**		**2300**		115												0.08	0.12	0.05	51	ND	20 U	20 U
234.6	20	U	20	U	**22**		**310**		**1200**		109												0.10	0.33	0.35	73	ND	20 U	20 U
276.4	3	U	3	U	3	U	**7**		**290**		114												ND	0.05	ND	78	ND	3 U	3 U
287.9	1	U	1	U	1	U	1	U	**80**		117												ND	0.10	0.03	78	ND	1 U	1 U
298.0	1	U	1	U	1	U	**17**		**110**		116												ND	0.06	ND	164	ND	1 U	1 U
308.6	2	U	2	U	2	U	**35**		**150**		116												0.05	0.12	0.02	348	ND	2 U	2 U
319.8	1	U	1	U	1	U	**25**		**130**		117												0.16	0.20	2.05	486	ND	1 U	1 U
329.8	3	U	3	U	3	U	**20**		**150**		121												0.14	0.19	1.85	496	ND	3 U	3 U
336.8	3	U	3	U	3	U	**17**		**190**		117												0.16	0.24	0.10	395	ND	3 U	3 U
354.6	3	U	3	U	3	U	**13**		**240**		117												0.20	0.22	0.05	241	ND	3 U	3 U
389.5	1	U	1	U	1	U	**2**		73		82												0.20	0.84	0.07	394	0.04	1 U	1 U
410.1	1	U	1	U	1	U	**2**	U	**26**		83												0.03	0.20	0.10	678	ND	1 U	1 U
424.5	1	U	1	U	1	U	1	U	**2**		82												0.03	0.17	0.10	252	0.03	1 U	1 U
434.5	1	U	1	U	1	U	1	U	1	U	80												0.06	0.41	0.35	615	ND	1 U	1 U

Depth	VOC DATA, ug/L																														%SS
	Freon 123A	Q	Freon 123	Q	1,1-Dichloroethane	Q	1,1,1-Trichloroethane	Q	Toluene	Q	Chlorobenzene	Q	Ethylbenzene	Q	m,p-Xylene	Q	o-Xylene	Q	1,3-Dichlorobenzene	Q	1,4-Dichlorobenzene	Q	1,2-Dichlorobenzene	Q	
79.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U							91
89.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U							91
99.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U							99
109.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U							102
119.6	20	U	20	U	20	U	20	U	20	U	20	U	20	U	40	U	20	U	20	U	20	U	20	U							110
129.6	20	U	20	U	20	U	20	U	20	U	20	U	20	U	40	U	20	U	20	U	20	U	20	U							112
139.6	20	U	20	U	20	U	20	U	20	U	20	U	20	U	40	U	20	U	20	U	20	U	20	U							113
149.6	20	U	20	U	20	U	20	U	20	U	20	U	20	U	40	U	20	U	20	U	20	U	20	U							112
159.6	20	U	20	U	20	U	20	U	20	U	20	U	20	U	40	U	20	U	20	U	20	U	20	U							119
169.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U							107
179.6	20	U	20	U	20	U	20	U	20	U	20	U	20	U	40	U	20	U	20	U	20	U	20	U							118
189.6	20	U	20	U	20	U	20	U	20	U	20	U	20	U	40	U	20	U	20	U	20	U	**21**								113
197.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U							112
202.8	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U							111
217.2	20	U	20	U	20	U	20	U	20	U	20	U	20	U	40	U	20	U	20	U	20	U	20	U							112
224.6	20	U	20	U	20	U	20	U	20	U	20	U	20	U	40	U	20	U	20	U	20	U	20	U							115
234.6	20	U	20	U	20	U	20	U	20	U	20	U	20	U	40	U	20	U	20	U	20	U	20	U							109
276.4	3	U	3	U	3	U	3	U	3	U	3	U	3	U	6	U	3	U	3	U	3	U	3	U							114
287.9	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U							117
298.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U							116
308.6	2	U	2	U	2	U	2	U	2	U	2	U	2	U	4	U	2	U	2	U	2	U	2	U							116
319.8	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	**9**								117
329.8	3	U	3	U	3	U	3	U	3	U	3	U	3	U	6	U	3	U	3	U	3	U	3	U							121
336.8	3	U	3	U	3	U	3	U	3	U	3	U	3	U	6	U	3	U	3	U	3	U	3	U							117
354.6	3	U	3	U	3	U	3	U	3	U	3	U	3	U	6	U	3	U	3	U	3	U	3	U							117
389.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U							82
410.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U							83
424.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U							82
434.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U							80

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
%SS = Surrogate Recovery
U = Undetected below the specified reporting limit.
J = Estimated value.
ND = Value below detection limit.
NS = Not Sampled

R2-0012078

STONE ENVIRONMENTAL INC

DRAFT

Mobile Laboratory Results Sheet

Client:	GTEOSI
Location:	Hicksville, NY
Project ID:	Groundwater Profiling
SEI #:	03-1402
Date Sampled:	9/9-9/24/2003
Date Analyzed:	9/9-9/24/2003
Report Date:	9/24/2003

HOLE ID =P43

Depth	VOC DATA, ug/L																						COELUTING COMPOUNDS	
	Vinyl Chloride	Q	t-Dichloroethene	Q	c-Dichloroethene	Q	Trichloroethene	Q	Tetrachloroethene	Q	% SS	Fe, Total		Ammonia	Chloride	Chlorine, Total							1,1-DCE / Freon 113	1,2-DCA / Benzene
79.9	1	U	1	U	1	U	**9**		**2**		90	ND	0.03	ND	20	0.02							1U	1U
89.9	1	U	1	U	1	U	**5**		**2**		100	ND	0.08	1.1	25	ND							1U	1U
99.9	1	U	1	U	1	U	**2**		**2**		99	0.46	1.30	2.5	31	0.23							1U	1U
109.9	1	U	1	U	1	U	**11**		**7**		105	0.03	0.07	2.0	45	ND							1U	1U
119.9	1	U	1	U	**10**		**38**		**20**		104	0.08	0.19	2.4	45	ND							**Detect**	1U
129.9	**140**		20	U	**710**		**1100**		**590**		108	0.13	0.63	1.6	26	0.09							**Detect**	20U
139.9	**97**		20	U	**720**		**710**		**600**		110	0.06	0.46	1.4	28	0.03							20U	20U
150.1	**180**		20	U	**1300**		**730**		**1800**		110	0.12	0.46	5.3	48	0.08							20U	20U
161.7	**210**		20	U	**1400**		**320**		**1400**		111	0.04	0.16	3.3	48	ND							20U	20U
169.9	**150**		20	U	**1100**		**810**		**1000**		112	0.21	1.39	3.0	55	0.13							20U	20U
179.9	**23**		4	U	**78**		**35**		**370**		111	16.6	18.3	1.4	88	0.17							4U	4U
189.9	**1**		1	U	**5**		**5**		**24**		96	0.25	2.36	2.1	173	ND							1U	1U
199.9	**44**		20	U	**320**		**200**		**1500**		115	0.03	0.10	4.3	124	ND							20U	20U
233.9	**48**		10	U	**170**		**170**		**720**		112	0.03	0.29	9.2	132	0.02							10U	10U
246.7	**5**		1	U	**54**		**85**		**150**		112	0.16	0.24	0.24	84	0.02							1U	1U
254.9	6	U	6	U	**74**		**38**		**500**		101	0.25	0.79	2.6	200	0.06							6U	6U
264.9	3	U	3	U	**58**		**29**		**290**		104	0.05	0.08	7.8	235	ND							3U	3U
274.9	2	U	2	U	**18**		**18**		**160**		101	0.22	1.49	9.0	278	ND							2U	2U
284.9	3	U	3	U	**12**		**24**		**220**		103	0.05	0.13	7.8	254	0.02							3U	3U
294.9	1	U	1	U	**7**		**19**		**110**		101	ND	0.04	8.0	256	ND							**Detect**	1U
304.9	2	U	2	U	**3**		**57**		**143**		104	0.26	0.44	7.8	262	0.11							2U	2U
324.5	2	U	2	U	2	U	**21**		**130**		101	NS	NS	NS	NS	NS							2U	2U
334.2	1	U	1	U	1	U	1	U	1	U	104	NS	NS	NS	NS	NS							1U	1U

Depth	VOC DATA, ug/L																												%SS
	Freon 123A	Q	Freon 123	Q	1,1-Dichloroethane	Q	1,1,1-Trichloroethane	Q	Toluene	Q	Chlorobenzene	Ethylbenzene	Q	m,p-Xylene	Q	o-Xylene	Q	1,3-Dichlorobenzene	Q	1,4-Dichlorobenzene	Q	1,2-Dichlorobenzene	Q						
79.9	1	U	**1**	U	1	U	1	U	1	U	1	1	U	2	U	1	U	1	U	1	U	1	U						90
89.9	1	U	**1**	U	1	U	1	U	1	U	1	1	U	2	U	1	U	1	U	1	U	1	U						100
99.9	1	U	**1**	U	1	U	1	U	1	U	1	1	U	2	U	1	U	1	U	1	U	1	U						99
109.9	1	U	**1**	U	1	U	1	U	1	U	1	1	U	2	U	1	U	1	U	1	U	1	U						105
119.9	1	U	**1**	U	1	U	1	U	1	U	1	1	U	2	U	1	U	1	U	1	U	1	U						104
129.9	20	U	20	U	20	U	20	U	20	U	20	20	U	40	U	20	U	20	U	20	U	20	U						108
139.9	20	U	20	U	20	U	20	U	20	U	20	20	U	40	U	20	U	20	U	20	U	20	U						110
150.1	20	U	20	U	20	U	20	U	20	U	20	20	U	40	U	20	U	20	U	20	U	20	U						110
161.7	20	U	20	U	20	U	20	U	20	U	20	20	U	40	U	20	U	20	U	20	U	**270**							111
169.9	20	U	20	U	20	U	20	U	20	U	20	20	U	40	U	20	U	20	U	20	U	20	U						112
179.9	4	U	4	U	4	U	4	U	4	U	4	4	U	8	U	4	U	4	U	4	U	4	U						111
189.9	1	U	1	U	1	U	1	U	1	U	1	1	U	2	U	1	U	1	U	1	U	**5**							96
199.9	20	U	20	U	20	U	20	U	20	U	20	20	U	40	U	20	U	20	U	20	U	20	U						115
233.9	10	U	10	U	10	U	10	U	10	U	10	10	U	20	U	10	U	10	U	10	U	**12**							112
246.7	1	U	**1**	U	1	U	1	U	1	U	1	1	U	2	U	1	U	1	U	1	U	**7**							112
254.9	6	U	6	U	6	U	6	U	6	U	6	6	U	12	U	6	U	6	U	6	U	6	U						101
264.9	3	U	3	U	3	U	3	U	3	U	3	3	U	6	U	3	U	3	U	3	U	3							104
274.9	2	U	2	U	2	U	2	U	2	U	2	2	U	4	U	2	U	2	U	2	U	**3**							101
284.9	3	U	3	U	3	U	3	U	3	U	3	3	U	6	U	3	U	3	U	3	U	**8**							103
294.9	1	U	**1**	U	1	U	1	U	1	U	1	1	U	2	U	1	U	1	U	1	U	**2**							101
304.9	2	U	2	U	2	U	2	U	2	U	2	2	U	4	U	2	U	2	U	2	U	**13**							104
324.5	2	U	2	U	2	U	2	U	2	U	2	2	U	4	U	2	U	2	U	2	U	**4**							101
334.2	1	U	1	U	1	U	1	U	1	U	1	1	U	2	U	1	U	1	1	1	U	1	U						104

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
%SS = Surrogate Recovery
U = Undetected below the specified reporting limit.
J = Estimated value.
ND = Value below detection limit.
NS = Not Sampled

STONE ENVIRONMENTAL INC DRAFT

Mobile Laboratory Results Sheet

Client:	GTEOSI
Location:	Hicksville, NY
Project ID:	Groundwater Profiling
SEI #:	03-1402
Date Sampled:	9/2 -9/10/2003
Date Analyzed:	9/2 -9/10/2003
Report Date:	9/10/2003

HOLE ID =P44

VOC DATA, ug/L

Depth	Vinyl Chloride	Q	t-Dichloroethene	Q	c-Dichloroethene	Q	Trichloroethene	Q	Tetrachloroethene	Q	% SS
79.8	1	U	1	U	1	U	5		3		92
89.8	1	U	1	U	66		200		67		109
99.3	5	U	5	U	9		510		81		95
109.8	20	U	20	U	2100		700		130		107
121.6	20	U	20	U	2100		580		180		102
131.1	20	U	20	U	1100		680		360		106
139.8	24		10	U	400		300		220		111
149.8	31		12	U	510		500		330		103
159.8	20	U	20	U	990		620		600		102
169.8	20	U	20	U	1000		470		570		104
179.8	20	U	20	U	440		480		1800		106
189.8	10	U	10	U	660		280		470		109
199.8	19		10	U	260		360		740		110
215.8	6	U	6	U	240		130		63		94
229.2	10	U	10	U	820	E	380		140		95
239.9	8	U	8	U	460		210		110		97
249.9	2		1	U	57		34		30		100
257.1	1	U	1	U	4		15		17		98
284.9	1	U	1	U	28		31		53		105
299.9	8	U	8	U	210		260		320		105
307.9	6	U	6	U	120		220		200		101
339.8	6	U	6	U	6	U	280		220		100
349.8	4	U	4	U	4	U	130		170		100
356.1	6	U	6	U	6	U	310		260		105

INORGANIC DATA, mg/L / COELUTING COMPOUNDS

Depth	Fe^{+2}	Fe, Total	Ammonia	Chloride	Chlorine, Total	1,1-DCE / Freon 113	1,2-DCA / Benzene
79.8	0.08	0.18	0.17	36	0.02	1U	1U
89.8	0.36	0.72	0.57	58	0.16	1U	1U
99.3	0.15	0.30	0.50	43	0.00	5U	5U
109.8	0.04	0.13	0.08	58	ND	20U	20U
121.6	ND	0.08	0.45	49	ND	20U	20U
131.1	0.34	1.88	2.30	42	0.15	20U	20U
139.8	0.05	0.51	2.10	33	0.04	10U	10U
149.8	0.20	0.98	2.70	42	0.06	12U	12U
159.8	0.13	0.37	2.40	46	ND	20U	20U
169.8	0.21	1.09	0.71	40	0.07	20U	20U
179.8	0.18	0.95	3.70	34	0.05	20U	20U
189.8	ND	0.10	2.90	74	ND	10U	10U
199.8	0.10	0.52	3.50	77	0.32	10U	10U
215.8	0.04	0.11	0.28	54	ND	Detect	6U
229.2	0.06	0.18	5.20	61	ND	Detect	10U
239.9	0.05	0.11	2.90	86	ND	Detect	8U
249.9	0.03	0.12	3.50	135	ND	Detect	1U
257.1	0.04	0.07	2.10	204	ND	Detect	1U
284.9	0.30	0.64	6.80	208	0.02	1U	1U
299.9	0.04	0.16	3.70	79	ND	8U	8U
307.9	0.17	1.23	4.10	79	0.06	6U	6U
339.8	0.17	0.33	0.24	251	0.04	Detect	6U
349.8	0.06	0.27	0.12	270	ND	4U	4U
356.1	0.13	0.18	0.10	182	ND	6U	6U

VOC DATA, ug/L

Depth	Freon 123A	Q	Freon 123	Q	1,1-Dichloroethane	Q	1,1,1-Trichloroethane	Q	Toluene	Q	Chlorobenzene	Q
79.8	1	U	1	U	1	U	1	U	1	U	1	U
89.8	1	U	1	U	1	U	1	U	1	U	1	U
99.3	5	U	5	U	5	U	5	U	5	U	5	U
109.8	20	U	20	U	20	U	46		20	U	20	U
121.6	20	U	20	U	20	U	84		20	U	20	U
131.1	20	U	20	U	20	U	20	U	20	U	20	U
139.8	10	U	10	U	10	U	10	U	10	U	10	U
149.8	12	U	12	U	12	U	12	U	12	U	12	U
159.8	20	U	20	U	20	U	20	U	20	U	20	U
169.8	20	U	20	U	20	U	20	U	20	U	20	U
179.8	20	U	20	U	20	U	20	U	20	U	20	U
189.8	10	U	10	U	10	U	10	U	10	U	10	U
199.8	10	U	10	U	10	U	10	U	10	U	10	U
215.8	6	U	6	U	6	U	12		6	U	6	U
229.2	10	U	10	U	10	U	150		10	U	10	U
239.9	8	U	8	U	8	U	52		8	U	8	U
249.9	1	U	1	U	1	U	7		1	U	1	U
257.1	1	U	1	U	1	U	4		1	U	1	U
284.9	1	U	1	U	1	U	1	U	1	U	1	U
299.9	8	U	8	U	8	U	8	U	8	U	8	U
307.9	6	U	6	U	6	U	6	U	6	U	6	U
339.8	6	U	6	U	6	U	6	U	6	U	6	U
349.8	4	U	4	U	4	U	4	U	4	U	4	U
356.1	6	U	6	U	6	U	6	U	6	U	6	U

Depth	Ethylbenzene	Q	m,p-Xylene	Q	o-Xylene	Q	1,3-Dichlorobenzene	Q	1,4-Dichlorobenzene	Q	1,2-Dichlorobenzene	Q	%SS
79.8	1	U	2	U	1	U	1	U	1	U	1	U	92
89.8	1	U	2	U	1	U	1	U	1	U	1	U	109
99.3	5	U	10	U	5	U	5	U	5	U	5	U	95
109.8	20	U	40	U	20	U	20	U	20	U	490		107
121.6	20	U	40	U	20	U	20	U	20	U	600		102
131.1	20	U	40	U	20	U	20	U	20	U	650		106
139.8	10	U	20	U	10	U	10	U	10	U	460		111
149.8	12	U	24	U	12	U	12	U	12	U	350		103
159.8	20	U	40	U	20	U	20	U	20	U	180		102
169.8	20	U	40	U	20	U	20	U	20	U	210		104
179.8	20	U	40	U	20	U	20	U	20	U	90		106
189.8	10	U	20	U	10	U	10	U	10	U	140		109
199.8	10	U	20	U	10	U	10	U	10	U	63		110
215.8	6	U	12	U	6	U	6	U	6	U	180		94
229.2	10	U	20	U	10	U	10	U	10	U	55		95
239.9	8	U	16	U	8	U	8	U	8	U	51		97
249.9	1	U	2	U	1	U	1	U	1	U	8		100
257.1	1	U	2	U	1	U	1	U	1	U	2		98
284.9	1	U	2	U	1	U	1	U	1	U	7		105
299.9	8	U	16	U	8	U	8	U	8	U	31		105
307.9	6	U	12	U	6	U	6	U	6	U	19		101
339.8	6	U	12	U	6	U	6	U	6	U	6	U	100
349.8	4	U	8	U	4	U	4	U	4	U	4	U	100
356.1	6	U	12	U	6	U	6	U	6	U	6	U	105

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
%SS = Surrogate Recovery
U = Undetected below the specified reporting limit.
J = Estimated value just below calibration range
E=Estimated value exceeding the calibration range
ND = Value below detection limit.
NS = Not Sampled

R2-0012080

STONE ENVIRONMENTAL INC

DRAFT

Mobile Laboratory Results Sheet

Client:	GTEOSI
Location:	Hicksville, NY
Project ID:	Groundwater Profiling
SEI #:	03-1402
Date Sampled:	8/4 - 8/13/03
Date Analyzed:	8/4 - 8/13/03
Report Date:	8/14/2003

HOLE ID = P45	VOC DATA, ug/L																		INORGANIC DATA, mg/L					COELUTING COMPOUNDS	
Depth	Vinyl Chloride	Q	t-Dichloroethene	Q	c-Dichloroethene	Q	Trichloroethene	Q	Tetrachloroethene	Q	% SS	Fe^{+2}	Fe, Total	Ammonia	Chloride	Chlorine, Total	1,1-DCE / Freon 113		1,2-DCA / Benzene	
71.3	1	U	1	U	1	U	1	U	1	U	84	ND	0.04	0.02	212	0.02	1U		1U	
81.3	1	U	1	U	1	U	1	U	1	U	88	ND	0.04	ND	12	0.02	1U		1U	
91.3	1	U	1	U	1	U	1	U	**1**		82	ND	0.08	0.05	28	0.02	1U		1U	
101.3	1	U	1	U	**10**		**29**		**38**		95	0.09	0.27	0.09	28	ND	1U		1U	
111.3	1	U	1	U	**21**		**56**		**59**		98	0.49	0.15	0.08	27	ND	1U		1U	
121.3	4	U	4	U	**37**		**171**		**141**		99	0.13	0.27	0.09	34	ND	4U		4U	
131.3	2	U	2	U	**11**		**69**		**7**		104	0.40	0.74	0.65	27	0.11	2U		2U	
151.3	1	U	1	U	1	U	**3**		**3**		91	ND	0.24	1.80	96	ND	1U		**Detect**	
167.3	1	U	1	U	1	U	1	U	1	U	91	0.10	0.23	0.15	117	0.02	1U		1U	
177.3	1	U	1	U	1	U	**2**		**15**		85	ND	0.14	0.08	214	0.05	1U		1U	
187.3	1	U	1	U	1	U	**2**		**14**		97	ND	0.09	0.09	328	0.03	1U		1U	
197.3	1	U	1	U	1	U	**2**		**8**		97	0.05	0.22	0.42	326	ND	1U		1U	
207.3	1	U	1	U	1	U	**2**		**19**		96	0.09	0.39	0.19	349	0.06	1U		1U	
217.3	1	U	1	U	1	U	**2**		**10**		90	0.15	0.27	0.58	343	ND	1U		1U	
227.3	1	U	1	U	1	U	**1**		**14**		93	ND	ND	0.06	413	0.03	1U		1U	
237.3	1	U	1	U	1	U	**3**		**5**		92	ND	0.06	0.06	503	0.02	1U		1U	
270.8	2	U	2	U	2	U	**68**		**61**		97	ND	0.14	0.06	273	ND	2U		2U	
281.7	4	U	4	U	4	U	**276**		**20**		98	0.32	0.49	0.10	76	0.03	**Detect**		4U	
291.7	4	U	4	U	4	U	**63**		**270**		100	ND	0.06	0.05	553	0.03	4U		4U	
301.7	1	U	1	U	1	U	**15**		**33**		105	ND	ND	0.06	663	0.02	1U		1U	
311.7	1	U	1	U	1	U	**24**		**42**		100	0.04	0.11	0.05	658	ND	1U		1U	
321.7	1	U	1	U	1	U	**29**		**52**		95	ND	0.05	0.03	820	0.03	1U		1U	
340.1	1	U	1	U	1	U	**3**		**22**		97	0.06	0.32	0.06	295	0.04	1U		1U	
351.8	1	U	1	U	1	U	1	U	**3**		104	ND	0.04	0.03	286	0.02	1U		1U	
366.4	1	U	1	U	1	U	**2**		**21**		116	0.11	0.18	0.11	173	0.04	1U		1U	

	VOC DATA, ug/L																															
Depth	Freon 123A	Q	Freon 123	Q	1,1-Dichloroethane	Q	1,1,1-Trichloroethane	Q	Toluene	Q	Chlorobenzene	Q	Ethylbenzene	Q	m,p-Xylene	Q	o-Xylene	Q	1,3-Dichlorobenzene	Q	1,4-Dichlorobenzene	Q	1,2-Dichlorobenzene	Q	%SS
71.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	84
81.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	88
91.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	82
101.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	95
111.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	98
121.3	4	U	4	U	4	U	4	U	4	U	4	U	4	U	8	U	4	U	4	U	4	U	4	U	99
131.3	2	U	2	U	**3**		2	U	2	U	2	U	2	U	4	U	2	U	2	U	2	U	2	U	104
151.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	91
167.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	91
177.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	85
187.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	97
197.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	97
207.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	96
217.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	90
227.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	93
237.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	92
270.8	2	U	2	U	2	U	2	U	2	U	2	U	2	U	4	U	2	U	2	U	2	U	2	U	97
281.7	4	U	4	U	4	U	4	U	4	U	4	U	4	U	8	U	4	U	4	U	4	U	4	U	98
291.7	4	U	4	U	4	U	4	U	4	U	4	U	4	U	8	U	4	U	4	U	4	U	4	U	100
301.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	105
311.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	100
321.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	95
340.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	97
351.8	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	104
366.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	116

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
%SS = Surrogate Recovery
U = Undetected below the specified reporting limit.
J = Estimated value.
ND = Value below detection limit.
NS = Not Sampled

R2-0012081

STONE ENVIRONMENTAL INC DRAFT

Mobile Laboratory Results Sheet

Client: GTEOSI
Location: Hicksville, NY
Project ID: Groundwater Profiling
SEI #: 03-1402
Date Sampled: 8/19 -9/8/03
Date Analyzed: 8/19 -9/8/03
Report Date: 9/8/2003

HOLE ID =P46

Depth	VOC DATA, ug/L Vinyl Chloride	Q	t-Dichloroethene	Q	c-Dichloroethene	Q	Trichloroethene	Q	Tetrachloroethene	Q	% SS	INORGANIC DATA, mg/L Fe^{+2}	Fe, Total	Ammonia	Chloride	Chlorine, Total	COELUTING COMPOUNDS 1,1-DCE / Freon 113	1,2-DCA / Benzene
79.6	1	U	1	U	1	U	1	U	1	U	119	ND	0.20	0.11	27	0.05	1U	1U
89.6	1	U	1	U	1	U	1	U	1	U	108	ND	ND	0.03	10	0.02	1U	1U
99.6	1	U	1	U	1	U	1	U	1	U	109	0.37	1.24	0.54	11	0.24	1U	1U
109.6	1	U	1	U	1	U	1	U	1	U	101	0.05	0.14	0.13	5	ND	1U	1U
119.6	6	U	6	U	6	U	6	U	**550**		104	ND	0.05	0.03	32	0.02	6U	6U
129.6	1	U	1	U	1	U	1	U	**9**		99	0.06	0.27	0.15	15	0.07	1U	1U
139.6	1	U	1	U	1	U	1	U	1	U	108	ND	0.12	0.08	12	0.02	1U	1U
149.6	1	U	1	U	1	U	1	U	1	U	116	0.17	0.69	0.34	69	0.10	1U	1U
159.6	1	U	1	U	1	U	1	U	1	U	108	0.19	0.67	0.19	137	0.11	1U	1U
169.6	1	U	1	U	1	U	1	U	1	U	106	0.24	0.35	0.09	108	ND	1U	1U
179.6	1	U	1	U	1	U	1	U	1	U	106	0.37	0.75	0.31	125	0.16	1U	1U
189.6	1	U	1	U	1	U	1	U	1	U	115	ND	0.04	0.04	72	0.02	1U	1U
199.6	1	U	1	U	1	U	1	U	1	U	86	0.08	0.16	0.10	59	0.06	1U	1U
209.6	1	U	1	U	1	U	1	U	1	U	109	0.05	0.13	0.05	41	0.02	1U	1U
215.2	1	U	1	U	1	U	1	U	1	U	100	ND	0.04	0.02	48	ND	1U	1U
275.4	1	U	1	U	1	U	**62**		**49**		104	0.07	0.20	0.13	712	0.05	1U	1U
284.3	1	U	1	U	1	U	**4**		**50**		101	ND	0.03	0.07	683	ND	1U	1U
291.7	2	U	2	U	2	U	**3**		**150**		100	0.31	0.55	0.46	471	0.13	2U	2U
298.4	2	U	2	U	2	U	**4**		**220**		100	ND	0.07	0.07	99	ND	2U	2U
307.7	3	U	3	U	3	U	**13**		**260**		101	0.20	0.21	0.34	527	0.03	3U	3U
318.4	2	U	2	U	2	U	**4**		**240**		106	ND	0.10	0.06	361	ND	2U	2U
330.2	1	U	1	U	1	U	**5**		**120**		107	ND	0.04	0.07	271	0.02	1U	1U
340.2	1	U	1	U	1	U	1	U	**60**		104	ND	ND	0.03	261	0.02	1U	1U
348.3	1	U	1	U	1	U	1	U	**4**		104	0.13	0.19	0.26	362	0.06	1U	1U
360.2	1	U	1	U	1	U	1	U	**7**		105	ND	0.03	0.10	685	0.03	1U	1U
389.3	1	U	1	U	1	U	**3**		**22**		102	ND	ND	0.04	703	0.02	1U	1U
399.3	1	U	1	U	1	U	**2**		**14**		97	0.08	0.20	0.23	620	0.05	1U	1U
409.3	1	U	1	U	1	U	**1**		**11**		109	ND	ND	0.02	595	0.02	1U	1U
419.3	1	U	1	U	1	U	**2**		**13**		99	0.17	0.45	0.35	758	0.12	1U	1U
430.0	1	U	1	U	1	U	**4**		**17**		101	0.36	2.5	0.52	1148	0.33	1U	1U
438.5	**2**		1	U	1	U	**5**		**20**		94	0.07	0.49	0.19	908	0.07	1U	1U
470.3	1	U	1	U	1	U	**7**		**15**		101	ND	0.13	0.02	778	0.03	1U	1U
480.3	1	U	1	U	1	U	1	U	**7**		97	0.03	0.18	0.15	343	0.07	1U	1U
490.3	1	U	1	U	1	U	1	U	**4**		88	0.15	0.56	0.27	190	0.13	1U	1U
498.1	1	U	1	U	1	U	1	U	**8**		95	NS	NS	NS	NS	NS	1U	1U

Depth	VOC DATA, ug/L Freon 123A	Q	Freon 123	Q	1,1-Dichloroethane	Q	1,1,1-Trichloroethane	Q	Toluene	Q	Chlorobenzene	Q	Ethylbenzene	Q	m,p-Xylene	Q	o-Xylene	Q	1,3-Dichlorobenzene	Q	1,4-Dichlorobenzene	Q	1,2-Dichlorobenzene	Q	%SS
79.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	119
89.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	108
99.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	109
109.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	101
119.6	6	U	6	U	6	U	6	U	6	U	6	U	6	U	12	U	6	U	6	U	6	U	6	U	104
129.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	99
139.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	108
149.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	116
159.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	108
169.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	106
179.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	106
189.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	115
199.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	86
209.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	109
215.2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	100
275.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	104
284.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	101
291.7	2	U	2	U	2	U	2	U	2	U	2	U	2	U	4	U	2	U	2	U	2	U	2	U	100
298.4	2	U	2	U	2	U	2	U	2	U	2	U	2	U	4	U	2	U	2	U	2	U	2	U	100
307.7	3	U	3	U	3	U	3	U	3	U	3	U	3	U	6	U	3	U	3	U	3	U	3	U	101
318.4	2	U	2	U	2	U	2	U	2	U	2	U	2	U	4	U	2	U	2	U	2	U	2	U	106
330.2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	107
340.2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	104
348.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	104
360.2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	105
389.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	102
399.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	97
409.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	109
419.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	99
430.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	101
438.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	94
470.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	101
480.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	97
490.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	88
498.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	95

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
%SS = Surrogate Recovery
U = Undetected below the specified reporting limit.
J = Estimated value.
ND = Value below detection limit.
NS = Not Sampled

R2-0012082

STONE ENVIRONMENTAL INC

DRAFT

Mobile Laboratory Results Sheet

Location: GTEOSI
Project ID: Hicksville, NY
SEI #: Groundwater Profiling
Date Sampled: 03-1402
Date Analyzed: 9/2 - 9/11/2003
Report Date: 9/2 - 9/11/2003
9/11/2003

HOLE ID =P47 DF Depth	VOC DATA, ug/L												INORGANIC DATA, mg/L					COELUTING COMPOUNDS	
	Vinyl Chloride	Q	t-Dichloroethene	Q	c-Dichloroethene	Q	Trichloroethene	Q	Tetrachloroethene	Q	% SS	Fe^{+2}	Fe, Total	Ammonia	Chloride	Chlorine, Total	1,1-DCE / Freon 113	1,2-DCA / Benzene
77.1	1	U	1	U	1	U	1	U	1	U	92	ND	0.12	0.10	190	0.03	1U	1U
87.1	1	U	1	U	1	U	1	U	**2**		101	ND	0.10	0.05	117	0.02	1U	1U
97.1	1	U	1	U	1	U	1	U	**2**		92	ND	0.07	0.10	104	ND	1U	1U
107.1	1	U	1	U	1	U	1	U	**4**		98	0.34	0.81	0.51	81	0.20	1U	1U
117.1	1	U	1	U	1	U	**1**		**410**		111	ND	0.03	0.04	204	ND	1U	1U
127.1	1	U	1	U	1	U	1	U	**66**		104	0.06	0.15	0.11	259	0.04	1U	1U
137.1	1	U	1	U	1	U	1	U	**3**		96	0.15	0.57	0.34	167	0.13	1U	1U
147.0	1	U	1	U	1	U	1	U	**240**		115	0.07	0.13	0.20	310	0.04	1U	1U
157.0	3	U	3	U	3	U	3	U	**290**		110	0.47	2.55	10.60	286	0.33	3U	3U
164.0	1	U	1	U	1	U	1	U	1	U	103	0.03	0.34	0.17	61	0.05	1U	1U
177.0	1	U	1	U	1	U	**2**		**12**		103	0.05	0.17	8.60	107	ND	**Detect**	1U
187.0	1	U	1	U	1	U	**6**		**3**		100	0.12	0.60	2.20	59	0.03	1U	1U
197.0	3	U	3	U	3	U	**170**		**180**		100	0.06	0.43	0.80	94	ND	3U	3U
205.7	1	U	1	U	1	U	**11**		**8**		105	0.08	1.16	5.80	76	0.11	**Detect**	1U
217.0	1	U	1	U	1	U	**46**		**11**		102	0.10	0.32	2.50	62	0.03	1U	1U
227.0	1	U	1	U	1	U	**77**		**14**		101	0.06	0.09	2.90	43	ND	1U	1U
247.0	10	U	10	U	**10**		**450**		**130**		103	ND	0.06	0.09	54	0.04	10U	10U
272.0	1	U	1	U	1	U	**18**		**64**		104	ND	0.08	ND	249	ND	1U	1U
282.0	1	U	1	U	1	U	**37**		**21**		105	0.29	0.55	ND	97	0.03	1U	1U
308.5	1	U	1	U	1	U	**41**		**17**		104	ND	0.04	ND	59	ND	1U	1U
317.0	6	U	6	U	6	U	**310**		**150**		100	0.03	0.13	0.03	64	ND	6U	6U
327.7	1	U	1	U	1	U	**16**		**10**		98	0.03	0.21	0.21	50	0.10	1U	1U
337.0	3	U	3	U	**6**		**200**		**35**		101	0.05	0.12	0.07	57	0.05	3U	3U
344.1	3	U	3	U	**13**		**280**		**21**		103	0.10	0.22	0.20	81	0.06	3U	3U
368.4	4	U	4	U	**11**		**310**		**28**		109	0.16	0.34	0.48	83	0.08	4U	4U
377.0	3	U	3	U	**9**		**280**		**21**		99	0.03	0.10	0.05	77	ND	3U	3U
387.0	**2**		1	U	1	U	**46**		**9**		97	0.15	0.92	0.41	58	0.11	1U	1U
397.0	1	U	1	U	1	U	**3**		**1**		100	0.18	0.22		37	ND	1U	1U

Depth	VOC DATA, ug/L																													
	Freon 123A	Q	Freon 123	Q	1,1-Dichloroethene	Q	1,1,1-Trichloroethane	Q	Toluene	Q	Chlorobenzene	Q	Ethylbenzene	Q	m,p-Xylene	Q	o-Xylene	Q	1,3-Dichlorobenzene	Q	1,4-Dichlorobenzene	Q	1,2-Dichlorobenzene	Q	%SS
77.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	92
87.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	101
97.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	92
107.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	98
117.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	111
127.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	104
137.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	96
147.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	115
157.0	3	U	3	U	3	U	3	U	3	U	3	U	3	U	6	U	3	U	3	U	3	U	3	U	110
164.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	103
177.0	1	U	1	U	**2**		1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	103
187.0	1	U	1	U	**2**		1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	100
197.0	3	U	3	U	3	U	3	U	3	U	3	U	3	U	6	U	3	U	3	U	3	U	**11**		100
205.7	1	U	1	U	**4**		1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	105
217.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	102
227.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	101
247.0	10	U	10	U	10	U	10	U	10	U	10	U	10	U	20	U	10	U	10	U	10	U	**21**		103
272.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	104
282.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	105
308.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	104
317.0	6	U	6	U	6	U	6	U	6	U	6	U	6	U	12	U	6	U	6	U	6	U	6	U	100
327.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	98
337.0	3	U	3	U	3	U	3	U	3	U	3	U	3	U	6	U	3	U	3	U	3	U	3	U	101
344.1	3	U	3	U	3	U	3	U	3	U	3	U	3	U	6	U	3	U	3	U	3	U	3	U	103
368.4	4	U	4	U	4	U	4	U	4	U	4	U	4	U	8	U	4	U	4	U	4	U	4	U	109
377.0	3	U	3	U	3	U	3	U	3	U	3	U	3	U	6	U	3	U	3	U	3	U	3	U	99
387.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	97
397.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	100

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
%SS = Surrogate Recovery
U = Undetected below the specified reporting limit.
J = Estimated value.
ND = Value below detection limit.
NS = Not Sampled

R2-0012083

STONE ENVIRONMENTAL INC DRAFT

Mobile Laboratory Results Sheet

Client:	GTEOSI
Location:	Hicksville, NY
Project ID:	Groundwater Profiling
SEI #:	03-1402
Date Sampled:	10/21-10/30/2003
Date Analyzed:	10/21-10/30/2003
Report Date:	10/30/2003

HOLE ID =P49

Depth	VOC DATA, ug/L Vinyl Chloride	Q	t-Dichloroethene	Q	c-Dichloroethene	Q	Trichloroethene	Q	Tetrachloroethene	Q	% SS	INORGANIC DATA, mg/L Fe^{+2}	Fe, Total	Ammonia	Chloride	Chlorine, Total	COELUTING COMPOUNDS 1,1-DCE / Freon 113	1,2-DCA / Benzene
74.3	1	U	1	U	1	U	1	U	1	U	94	0.07	0.17	0.06	6.75	ND	1U	1U
84.3	1	U	1	U	1	U	1	U	1	U	93	0.10	0.25	0.2	6.4	ND	1U	1U
94.3	1	U	1	U	1	U	1	U	**5**		96	0.35	0.61	0.46	49.5	ND	1U	1U
104.3	1	U	1	U	1	U	1	U	**2**		95	0.08	0.14	0.11	78.0	ND	1U	1U
114.3	1	U	1	U	1	U	1	U	**12**		111	0.28	0.36	0.45	90.5	0.13	1U	1U
124.3	1	U	1	U	**4**		**1**		**210**		106	0.18	0.27	0.24	16.5	0.05	1U	1U
134.3	12	U	12	U	**40**		12	U	**1900**		107	0.12	0.20	0.15	20.5	0.03	12U	12U
144.3	1	U	1	U	**5**		**1**		**180**		107	0.36	0.52	0.58	24.25	0.11	1U	1U
167.3	1	U	1	U	1	U	1	U	1	U	94	0.09	0.16	0.07	67.5	0.09	1U	1U
177.3	1	U	1	U	1	U	1	U	1	U	96	0.02	0.03	ND	89.5	0.02	1U	1U
222.3	1	U	1	U	**4**		**1**		**20**		93	0.38	0.88	1.7	375	0.23	1U	1U
232.3	1	U	1	U	**3**		1	U	**3**		92	0.61	1.39	1.2	102	0.41	1U	1U
239.3	1	U	1	U	1	U	1	U	1	U	97	0.42	0.49	0.63	70	0.27	1U	1U
249.3	1	U	1	U	1	U	1	U	**6**		108	0.01	0.03	0.03	310	0.06	1U	1U
261.0	1	U	1	U	1	U	1	U	**8**		101	0.07	0.14	0.09	468	0.02	1U	1U
269.3	1	U	1	U	20	U	**21**		**91**		108	0.20	0.78	NC	314	0.1	1U	1U
284.3	1	U	1	U	**1**		**69**		**47**		108	0.21	0.58	1.6	376	ND	**Detect**	1U
314.0	1	UJ	1	U	1	U	**29**		**37**		105	0.26	0.36	3.8	575	0.12	1U	1U
324.0	1	UJ	1	U	1	U	**31**		**87**		112	0.07	0.15	0.21	590	0.04	1U	1U
333.0	3	U	3	U	3	U	**100**		**180**		99	0.18	0.38	0.33	487	0.12	3U	3U
340.8	3	U	3	U	3	U	**110**		**200**		106	0.05	0.09	0.16	510	0.08	3U	3U
394.1	1	U	1	U	1	U	**3**		**26**		112	0.44	1.07	0.21	552	0.17	1U	1U
423.0	1	U	1	U	1	U	**2**		**45**		111	0.07	0.16	0.08	667.5	0.05	1U	1U
444.1	1	U	1	U	1	U	1	U	**66**		90	0.30	0.45	0.22	850	0.15	1U	1U
463.2	1	UJ	1	U	1	U	**12**		**33**		84	0.33	0.58	0.54	840	ND	1U	1U

VOC DATA, ug/L

Depth	Freon 123A	Q	Freon 123	Q	1,1-Dichloroethane	Q	1,1,1-Trichloroethane	Q	Toluene	Q	Chlorobenzene	Q	Ethylbenzene	Q	m,p-Xylene	Q	o-Xylene	Q	1,3-Dichlorobenzene	Q	1,4-Dichlorobenzene	Q	1,2-Dichlorobenzene	Q	%SS
74.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	94
84.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	93
94.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	96
104.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	95
114.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	111
124.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	106
134.3	12	U	12	U	12	U	12	U	12	U	12	U	12	U	24	U	12	U	12	U	12	U	12	U	107
144.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	107
167.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	94
177.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	96
222.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	93
232.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	92
239.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	97
249.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	108
261.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	101
269.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	**2**		108
284.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	108
314.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	105
324.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	112
333.0	3	U	3	U	3	U	3	U	3	U	3	U	3	U	6	U	3	U	3	U	3	U	3	U	99
340.8	3	U	3	U	3	U	3	U	3	U	3	U	3	U	6	U	3	U	3	U	3	U	3	U	106
394.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	112
423.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	111
444.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	90
463.2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	84

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
%SS = Surrogate Recovery
U = Undetected below the specified reporting limit.
J = Estimated value.
ND = Value below detection limit.
NS = Not Sampled

STONE ENVIRONMENTAL INC

DRAFT

Mobile Laboratory Results Sheet

Client: GTEOSI
Location: Hicksville, NY
Project ID: Groundwater Profiling
SEI #: 03-1402
Date Sampled: 10/21-10/29/2003
Date Analyzed: 10/21-10/29/2003
Report Date: 10/29/2003

HOLE ID =P50	VOC DATA, ug/L																					INORGANIC DATA, mg/L					COELUTING COMPOUNDS	
Depth	Vinyl Chloride	Q	t-Dichloroethene	Q	c-Dichloroethene	Q	Trichloroethene	Q	Tetrachloroethene	Q	% SS											Fe^{+2}	Fe, Total	Ammonia	Chlonde	Chlorine, Total	1,1-DCE / Freon 113	1,2-DCA / Benzene
82.9	1	U	1	U	1	U	**3**		**2**		96											2.79	14	0.59	193	ND	1U	1U
89.9	1	U	1	U	1	U	1	U	1	U	100											11.00	12	0.35	8	ND	1U	1U
99.9	1	U	1	U	1	U	**5**		**14**		102											17.7	20	0.47	13.25	0.02	1U	1U
109.9	**190**		**1**		**13**		**8**		**33**		102											23.7	27.4	0.6	11.8	0.07	**Detect**	1U
119.9	**200**		12	U	**1200**		**220**		**360**		102											36.80	41.2	0.6	16.5	0.09	**Detect**	12U
129.9	**41**		20	U	**1500**		**550**		**1100**		107											29.30	32.4	0.41	22.6	ND	**Detect**	20U
139.9	**65**		12	U	**1000**		**230**		**300**		96											26.00	26.6	0.33	25.7	ND	**Detect**	12U
149.9	**57**		12	U	**1300**		**140**		**470**		108											31.70	32.6	0.37	34.5	ND	**Detect**	12U
159.9	1	U	1	U	**4**		**24**		**160**		108											0.38	0.68	0.26	113.25	0.26	1U	1U
169.9	1	U	1	U	1	U	**1**		**43**		98											0.12	0.70	0.18	257	0.06	1U	1U
179.9	1	U	1	U	1	U	**9**		**99**		107											0.18	0.64	0.52	260	0.11	1U	1U
189.9	1	U	1	U	1	U	1	U	**8**		103											1.00	2.90	1.4	290	0.58	1U	1U
198.5	1	U	1	U	1	U	1	U	**25**		107											0.52	1.52	3.9	314	0.16	1U	1U
208.6	1	U	1	U	1	U	1	U	**15**		109											0.34	0.56	1.6	272	0.04	1U	1U
242.6	1	U	1	U	1	U	**1**		**36**		97											0.21	0.40	2.7	317	0.04	1U	1U
249.9	1	U	1	U	**7**		**17**		**27**		103											0.03	0.17	4.3	168.25	0.07	**Detect**	1U
259.9	1	U	1	U	1	U	**5**		**30**		107											0.13	0.28	2.8	308	ND	1U	1U
267.4	1	U	1	U	**19**		**37**		**48**		107											0.14	0.24	3.8	252	0.04	**Detect**	1U
279.9	1	U	1	U	**4**		**12**		**38**		108											0.23	0.36	3.4	344	0.06	1U	1U
289.9	1	U	1	U	**7**		**17**		**38**		113											0.10	0.17	6.8	332	0.03	1U	1U
299.2	1	U	1	U	1	U	**26**		**65**		110											0.34	0.56	7.0	475	0.07	1U	1U
309.9	1	U	1	U	1	U	**28**		**76**		107											0.16	0.22	7.4	590	**Detect**	1U	1U
319.9	6	U	6	U	6	U	**360**		**310**		106											0.29	0.37	3.4	420	0.04	6U	6U
327.1	6	U	6	U	6	U	**260**		**390**		113											0.14	0.20	0.03	380	ND	6U	6U
342.6	3	UJ	3	U	3	U	**44**		**140**		112											ND	ND	0.11	605	ND	3U	3U
349.9	1	U	1	U	1	U	**21**		**66**		98											0.02	0.03	0.02	502.5	ND	1U	1U
359.9	1	U	1	U	1	U	**1**		**5**		89											0.01	0.05	ND	424	0.03	1U	1U
370.5	1	U	1	U	1	U	**3**		**28**		91											0.04	0.06	0.08	422	0.02	1U	1U
376.7	1	U	1	U	1	U	**3**		**33**		96											0.01	0.01	0.03	494	ND	1U	1U
385.9	1	U	1	U	1	U	1	U	**2**		111											0.03	0.05	0.02	94.75	0.03	1U	1U
413.4	1	U	1	U	1	U	1	U	**36**		91											0.01	0.41	ND	645.8	ND	1U	1U
424.1	1	U	1	U	1	U	**2**		**14**		106											0.04	0.14	0.06	603	0.03	1U	1U
439.9	1	U	1	U	1	U	**5**		**15**		92											0.02	0.14	0.05	730	0.02	1U	1U

	VOC DATA, ug/L																															
Depth	Freon 123A	Q	Freon 123	Q	1,1-Dichloroethane	Q	1,1,1-Trichloroethane	Q	Toluene	Q	Chlorobenzene	Q	Ethylbenzene	Q	m,p-Xylene	Q	o-Xylene	Q	1,3-Dichlorobenzene	Q	1,4-Dichlorobenzene	Q	1,2-Dichlorobenzene	Q	%SS							
82.9	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	96							
89.9	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	**3**		100							
99.9	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	102							
109.9	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	102							
119.9	12	U	12	U	12	U	12	U	12	U	12	U	12	U	24	U	12	U	12	U	12	U	12	U	102							
129.9	20	U	20	U	20	U	20	U	20	U	20	U	20	U	40	U	20	U	20	U	20	U	20	U	107							
139.9	12	U	12	U	12	U	12	U	12	U	12	U	12	U	24	U	12	U	12	U	12	U	12	U	96							
149.9	12	U	12	U	12	U	12	U	12	U	12	U	12	U	24	U	12	U	12	U	12	U	12	U	108							
159.9	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	**1**	U	108							
169.9	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	98							
179.9	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	107							
189.9	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	103							
198.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	107							
208.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	109							
242.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	97							
249.9	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	**2**		103							
259.9	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	2	U	1							
267.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	**3**		107							
279.9	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	**2**		108							
289.9	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	**2**		113							
299.2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	**2**		110							
309.9	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	**13**		107							
319.9	6	U	6	U	6	U	6	U	6	U	6	U	6	U	12	U	6	U	6	U	6	U	**11**		106							
327.1	6	U	6	U	6	U	6	U	6	U	6	U	6	U	12	U	6	U	6	U	6	U	6	U	113							
342.6	3	U	3	U	3	U	3	U	3	U	3	U	3	U	6	U	3	U	3	U	3	U	3	U	112							
349.9	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	98							
359.9	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	89							
370.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	91							
376.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	96							
385.9	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	111							
413.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	91							
424.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	106							
439.9	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	92							

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
%SS = Surrogate Recovery
U = Undetected below the specified reporting limit.
J = Estimated value.
ND = Value below detection limit.
NS = Not Sampled

R2-0012085

STONE ENVIRONMENTAL INC DRAFT

Mobile Laboratory Results Sheet

Client:	GTEOSI
Location:	Hicksville, NY
Project ID:	Groundwater Profiling
SEI #:	03-1402
Date Sampled:	10/21-10/30/2003
Date Analyzed:	10/21-10/30/2003
Report Date:	10/30/2003

HOLE ID =P51

Depth	VOC DATA, ug/L										
	Vinyl Chloride	Q	t-Dichloroethene	Q	c-Dichloroethene	Q	Trichloroethene	Q	Tetrachloroethene	Q	% SS
78.0	1	U	1	U	1	U	1	U	1	U	93
88.0	1	U	1	U	1	U	1	U	**1**		102
97.8	1	U	1	U	1	U	**3**		**15**		106
107.8	1	U	1	U	1	U	**5**		**59**		106
117.8	3	U	3	U	**4**		**41**		**150**		105
127.8	3	U	3	U	**4**		**49**		**140**		96
137.8	8	U	8	U	**33**		**140**		**770**		109
147.8	4	U	4	U	**18**		**81**		**380**		114
158.0	3	U	3	U	3	U	**63**		**280**		107
167.8	1	U	1	U	1	U	**1**		**5**		99
177.8	1	U	1	U	1	U	**2**		**6**		92
187.8	1	U	1	U	**27**		**26**		**28**		104
201.2	1	U	1	U	**63**		**58**		**61**		112
226.8	1	U	1	U	**4**		**9**		**20**		101
236.8	1	U	1	U	**4**		**10**		**25**		102
246.8	1	U	1	U	**18**		**130**		**150**		107
256.8	1	U	1	U	**19**		**47**		**53**		104
266.7	1	U	1	U	**4**		**24**		**32**		100
276.8	1	U	1	U	**41**		**54**		**65**		116
286.8	1	U	1	U	1	U	**11**		**9**		108
295.3	1	U	1	U	1	U	**13**		**24**		109
301.1	1	U	1	U	1	U	**18**		**21**		90
321.0	1	U	1	U	**2**		**180**		**140**		108
327.9	6	U	6	U	6	U	**600**		**350**		110
336.9	6	U	6	U	6	U	**530**		**350**		97
346.9	3	U	3	U	3	U	**72**		**270**		96
363.3	1	UJ	1	U	1	U	**3**		**26**		116
371.8	1	UJ	1	U	1	U	**3**		**44**		115
381.8	1	UJ	1	U	1	U	**7**		**98**		116

Depth	INORGANIC DATA, mg/L					COELUTING COMPOUNDS	
	Fe^{+2}	Fe, Total	Ammonia	Chloride	Chlorine, Total	1,1-DCE / Freon 113	1,2-DCA / Benzene
78.0	0.25	0.63	0.57	24	0.24	1U	1U
88.0	0.19	0.64	0.34	12	0.10	1U	1U
97.8	0.18	0.45	0.27	30	0.22	1U	1U
107.8	0.04	0.09	0.05	35	ND	1U	1U
117.8	8.50	9.5	0.8	31.3	0.05	**Detect**	3U
127.8	13.10	15.7	3.6	28	0.24	**Detect**	3U
137.8	NS	20	NS	23.25	NS	8U	8U
147.8	14.40	15.50	0.30	13.6	0.03	4U	4U
158.0	2.77	2.89	0.28	44.25	0.04	3U	3U
167.8	0.11	0.24	0.10	154	ND	1U	1U
177.8	0.17	0.42	0.24	189	0.06	1U	1U
187.8	NS	NS	NS	NS	NS	**Detect**	1U
201.2	0.08	0.08	8.00	142	0.02	1U	1U
226.8	0.25	0.43	4.2	244	0.06	1U	1U
236.8	0.39	0.54	3.6	148	0.05	1U	1U
246.8	0.04	0.11	3.8	137.5	ND	**Detect**	1U
256.8	0.49	1.13	5.6	116	0.09	1U	1U
266.7	0.17	0.79	5.4	136	0.06	1U	1U
276.8	0.26	0.36	5.0	114.7	0.03	1U	1U
286.8	0.10	0.13	5.2	119.8	ND	1U	1U
295.3	ND	0.07	4.0	176	ND	1U	1U
301.1	0.28	0.31	8.0	338	0.08	1U	1U
321.0	0.26	0.30	2.6	365	0.05	**Detect**	1U
327.9	0.10	0.13	0.03	222	ND	**Detect**	6U
336.9	0.24	0.28	0.2	300	0.03	6U	6U
346.9	0.09	0.09	0.08	388	ND	3U	3U
363.3	0.02	0.08	0.07	359	0.05	1U	1U
371.8	ND	0.07	0.05	685	ND	1U	1U
381.8	0.05	0.09	0.15	239	0.07	1U	1U

VOC DATA, ug/L

Depth	Freon 123A	Q	Freon 123	Q	1,1-Dichloroethane	Q	1,1,1-Trichloroethane	Q	Toluene	Q	Chlorobenzene	Q
78.0	1	U	1	U	1	U	1	U	1	U	1	U
88.0	1	U	1	U	1	U	1	U	1	U	1	U
97.8	1	U	1	U	1	U	1	U	1	U	1	U
107.8	1	U	1	U	1	U	1	U	1	U	1	U
117.8	3	U	3	U	**9**		3	U	3	U	3	U
127.8	3	U	3	U	**6**		3	U	3	U	3	U
137.8	8	U	8	U	8	U	8	U	8	U	8	U
147.8	4	U	4	U	4	U	4	U	4	U	4	U
158.0	3	U	3	U	**4**		3	U	3	U	3	U
167.8	1	U	1	U	1	U	1	U	1	U	1	U
177.8	1	U	1	U	**1**		1	U	1	U	1	U
187.8	1	U	1	U	1	U	1	U	1	U	1	U
201.2	1	U	1	U	1	U	1	U	1	U	1	U
226.8	1	U	1	U	1	U	1	U	1	U	1	U
236.8	1	U	1	U	1	U	1	U	1	U	1	U
246.8	1	U	1	U	1	U	1	U	1	U	1	U
256.8	1	U	1	U	1	U	1	U	1	U	1	U
266.7	1	U	1	U	1	U	1	U	1	U	1	U
276.8	1	U	1	U	1	U	1	U	1	U	1	U
286.8	1	U	1	U	1	U	1	U	1	U	1	U
295.3	1	U	1	U	1	U	1	U	1	U	1	U
301.1	1	U	1	U	1	U	1	U	1	U	1	U
321.0	1	U	1	U	1	U	1	U	1	U	1	U
327.9	6	U	6	U	6	U	6	U	6	U	6	U
336.9	6	U	6	U	6	U	6	U	6	U	6	U
346.9	3	U	3	U	3	U	3	U	3	U	3	U
363.3	1	U	1	U	1	U	1	U	1	U	1	U
371.8	1	U	1	U	1	U	1	U	1	U	1	U
381.8	1	U	1	U	1	U	1	U	1	U	1	U

Depth	Ethylbenzene	Q	m,p-Xylene	Q	o-Xylene	Q	1,3-Dichlorobenzene	Q	1,4-Dichlorobenzene	Q	1,2-Dichlorobenzene	Q	%SS
78.0	1	U	2	U	1	U	1	U	1	U	1	U	93
88.0	1	U	2	U	1	U	1	U	1	U	1	U	102
97.8	1	U	2	U	1	U	1	U	1	U	1	U	106
107.8	1	U	2	U	1	U	1	U	1	U	1	U	106
117.8	3	U	6	U	3	U	3	U	3	U	3	U	105
127.8	3	U	6	U	3	U	3	U	3	U	3	U	96
137.8	8	U	16	U	8	U	8	U	8	U	8	U	109
147.8	4	U	8	U	4	U	4	U	4	U	4	U	114
158.0	3	U	6	U	3	U	3	U	3	U	3	U	107
167.8	1	U	2	U	1	U	1	U	1	U	1	U	99
177.8	1	U	2	U	1	U	1	U	1	U	1	U	92
187.8	1	U	2	U	1	U	1	U	1	U	**8**		104
201.2	1	U	2	U	1	U	1	U	1	U	**2**		112
226.8	1	U	2	U	1	U	1	U	1	U	**2**		101
236.8	1	U	2	U	1	U	1	U	1	U	1	U	102
246.8	1	U	2	U	1	U	1	U	1	U	**9**		107
256.8	1	U	2	U	1	U	1	U	1	U	**4**		104
266.7	1	U	2	U	1	U	1	U	1	U	**3**		100
276.8	1	U	2	U	1	U	1	U	1	U	1	U	116
286.8	1	U	2	U	1	U	1	U	1	U	**2**		108
295.3	1	U	2	U	1	U	1	U	1	U	**7**		109
301.1	1	U	2	U	1	U	1	U	1	U	**4**		90
321.0	1	U	2	U	1	U	1	U	1	U	**3**		108
327.9	6	U	12	U	6	U	6	U	6	U	6	U	110
336.9	6	U	12	U	6	U	6	U	6	U	**9**		97
346.9	3	U	6	U	3	U	3	U	3	U	3	U	96
363.3	1	U	2	U	1	U	1	U	1	U	1	U	116
371.8	1	U	2	U	1	U	1	U	1	U	1	U	115
381.8	1	U	2	U	1	U	1	U	1	U	1	U	116

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
%SS = Surrogate Recovery
U = Undetected below the specified reporting limit.
J = Estimated value.
ND = Value below detection limit.
NS = Not Sampled

R2-0012086

STONE ENVIRONMENTAL INC

DRAFT

Mobile Laboratory Results Sheet

Client: GTEOSI
Location: Hicksville, NY
Project ID: Groundwater Profiling
SEI #: 03-1402
Date Sampled: 11/04-11/20/2003
Date Analyzed: 11/04-11/20/2003
Report Date: 11/20/2003

HOLE ID =P52	VOC DATA, ug/L													INORGANIC DATA, mg/L					COELUTING COMPOUNDS	
Depth	Vinyl Chloride	Q	t-Dichloroethene	Q	c-Dichloroethene	Q	Trichloroethene	Q	Tetrachloroethene	Q	% SS	Fe^{+2}	Fe, Total	Ammonia	Chloride	Chlorine, Total	1,1-DCE / Freon 113	1,2-DCA / Benzene
80.0	1	U	1	U	1	U	1	U	1	U	91	0.03	0.12	ND	ND	ND	1U	1U
90.0	1	U	1	U	1	U	1	U	1	U	107	0.06	0.11	0.04	ND	ND	1U	1U
100.0	1	U	1	U	1	U	1	U	1	U	90	0.03	0.18	0.07	58	ND	1U	1U
110.0	1	U	1	U	1	U	1	U	1	U	92	0.27	1.57	0.47	22	ND	1U	1U
120.0	1	U	1	U	1	U	1	U	1	U	102	0.11	0.35	0.27	22	0.06	1U	1U
130.0	1	U	1	U	1	U	1	U	1	U	89	0.11	0.28	0.08	32	ND	1U	1U
140.0	1	U	1	U	1	U	1	U	**2**		90	0.14	0.18	0.05	35	ND	1U	1U
150.0	1	U	1	U	1	U	1	U	**11**		86	ND	0.10	0.04	24	ND	1U	1U
160.0	1	U	1	U	1	U	1	U	1	U	100	ND	0.13	0.11	42	ND	1U	1U
170.0	1	U	1	U	1	U	1	U	1	U	109	ND	0.09	0.06	40	ND	1U	1U
180.0	1	U	1	U	1	U	1	U	1	U	90	0.31	0.66	0.20	119	0.04	1U	1U
224.5	1	U	1	U	1	U	1	U	1	U	107	ND	0.16	0.05	86	0.02	1U	1U
232.3	1	U	1	U	1	U	1	U	**2**		89	ND	0.03	ND	94	0.04	1U	1U
243.7	1	U	1	U	1	U	**4**		**21**		102	0.17	0.34	0.39	93	0.05	1U	1U
254.5	1	U	1	U	1	U	**18**		**60**		96	0.06	0.18	0.18	370	0.05	1U	1U
264.5	1	U	1	U	1	U	**11**		**68**		102	0.06	0.27	0.29	281	0.07	1U	1U
274.5	1	U	1	U	1	U	**15**		**46**		94	0.13	0.27	0.20	478	0.05	1U	1U
283.5	1	U	1	U	1	U	**1**		**9**		86	ND	ND	0.03	440	0.04	1U	1U
291.7	1	U	1	U	1	U	**2**		**12**		87	0.08	0.17	0.22	470	0.07	1U	1U
299.5	1	U	1	U	1	U	1	U	**4**		92	0.06	0.14	0.13	450	0.03	1U	1U
319.2	1	U	1	U	1	U	**10**		**140**		101	0.18	0.39	0.20	283	0.11	1U	1U
327.2	4	U	4	U	4	U	4	U	**350**		108	0.04	0.22	0.28	325	0.05	4U	4U
339.2	3	U	3	U	3	U	**5**		**130**		106	0.14	0.22	0.44	133	0.08	3U	3U
364.2	1	U	1	U	1	U	1	U	**33**		93	ND	0.04	0.06	242	0.04	1U	1U
374.4	1	U	1	U	1	U	1	U	**3**		93	ND	0.06	0.06	425	0.03	1U	1U
395.4	1	U	1	U	1	U	1	U	**28**		101	0.06	0.20	0.17	665	0.05	1U	1U
404.5	1	U	1	U	1	U	**2**		**17**		98	0.08	0.34	0.15	608	0.05	1U	1U
414.2	1	U	1	U	1	U	**7**		**18**		93	ND	0.03	0.03	835	0.04	1U	1U
444.4	1	U	1	U	1	U	**3**		**68**		93	0.12	0.68	0.26	865	0.05	1U	1U
474.7	1	U	1	U	1	U	1	U	**4**		106	0.40	2.06	1.1	793	0.4	1U	1U
483.4	1	U	1	U	1	U	1	U	**5**		84	0.11	0.49	0.21	485	0.05	1U	1U

	VOC DATA, ug/L																															
Depth	Freon 123A	Q	Freon 123	Q	1,1-Dichloroethane	Q	1,1,1-Trichloroethane	Q	Toluene	Q	Chlorobenzene	Q	Ethylbenzene	Q	m,p-Xylene	Q	o-Xylene	Q	1,3-Dichlorobenzene	Q	1,4-Dichlorobenzene	Q	1,2-Dichlorobenzene	Q	%SS
80.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	91
90.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	107
100.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	90
110.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	92
120.0	1	U	1	U	1	U	**1**		1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	102
130.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	89
140.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	90
150.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	86
160.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	100
170.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	109
180.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	90
224.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	107
232.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	89
243.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	102
254.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	96
264.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	102
274.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	94
283.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	86
291.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	87
299.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	92
319.2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	101
327.2	4	U	4	U	4	U	4	U	4	U	4	U	4	U	8	U	4	U	4	U	4	U	4	U	108
339.2	3	U	3	U	3	U	3	U	3	U	3	U	3	U	6	U	3	U	3	U	3	U	3	U	106
364.2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	93
374.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	93
395.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	101
404.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	98
414.2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	93
444.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	93
474.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	106
483.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	84

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
%SS = Surrogate Recovery
U = Undetected below the specified reporting limit.
J = Estimated value.
ND = Value below detection limit.
NS = Not Sampled

STONE ENVIRONMENTAL INC

DRAFT

Mobile Laboratory Results Sheet

Client: GTEOSI
Location: Hicksville, NY
Project ID: Groundwater Profiling
SEI #: 03-1402
Date Sampled: 11/20-12/12/2003
Date Analyzed: 11/20-12/12/2003
Report Date: 12/12/2003

HOLE ID =P53

Depth	VOC DATA, ug/L																INORGANIC DATA, mg/L					COELUTING COMPOUNDS	
	Vinyl Chloride	Q	t-Dichloroethene	Q	c-Dichloroethene	Q	Trichloroethene	Q	Tetrachloroethene	Q	% SS		Fe[+2]	Fe, Total	Ammonia	Chloride	Chlorine, Total	1,1-DCE / Freon 113	1,2-DCA / Benzene
76.4	1	U	1	U	1	U	1	U	1	U	84		0.06	0.15	0.07	5	ND	1U	1U
86.4	1	U	1	U	1	U	1	U	1	U	81		ND	0.07	0.05	56	ND	1U	1U
96.4	1	U	1	U	1	U	1	U	1	U	82		ND	0.09	0.04	69	0.04	1U	1U
106.4	1	U	1	U	1	U	1	U	1	U	100		ND	0.05	0.05	109	0.04	1U	1U
116.4	1	U	1	U	1	U	1	U	**2**		107		0.05	0.14	0.09	62	0.04	1U	1U
126.4	1	U	1	U	1	U	**1**		**30**		111		0.10	0.22	0.18	52	0.03	1U	1U
136.4	20	U	20	U	**390**		**140**		**9400**		110		0.15	0.25	0.22	20	ND	20U	20U
146.4	12	U	12	U	**87**		**29**		**1600**		106		0.04	0.13	0.06	35	ND	12U	12U
156.4	1	U	1	U	1	U	1	U	**9**		110		0.06	0.26	0.27	84	0.04	1U	1U
165.7	1	U	1	U	1	U	1	U	**4**		101		0.03	0.11	0.07	89	0.03	1U	1U
176.4	1	U	1	U	1	U	1	U	**15**		96		0.05	0.21	0.24	85	0.06	1U	1U
188.9	10	U	10	U	**63**		**150**		**650**		104		0.06	0.11	0.22	110	ND	10U	10U
212.6	1	U	1	U	1	U	1	U	**2**		115		0.06	0.11	1.6	92	ND	1U	1U
221.4	1	U	1	U	**27**		**20**		**88**		107		0.18	0.44	2.4	107	0.07	1U	1U
231.4	6		6	U	**170**		**91**		**220**		98		0.20	0.22	6.4	182	ND	6U	6U
238.6	1	U	1	U	**24**		**10**		**24**		97		0.05	0.10	7.4	215	ND	1U	1U
248.4	1	U	1	U	**2**		1	U	**3**		94		0.06	0.14	5.8	239	0.03	1U	1U
256.4	1	U	1	U	**20**	J	**6**		**21**		102		0.15	1.01	4.2	218	0.04	1U	1U
266.4	1	U	1	U	1	U	1	U	**5**		108		0.14	0.23	0.28	80	0.08	1U	1U
276.4	1	U	1	U	1	U	**12**		**96**		96		0.09	0.13	0.15	252	0.05	1U	1U
286.4	3	U	3	U	3	U	**23**		**140**		99		0.17	0.32	0.36	262	0.10	3U	3U
295.5	3	U	3	U	3	U	**61**		**110**		100		0.43	0.90	2.4	357	0.20	3U	3U
306.0	1	U	1	U	1	U	**10**		**42**		101		0.09	0.16	1.6	430	ND	1U	1U
313.3	1	U	1	U	1	U	**16**		**96**		107		0.24	0.43	0.7	500	0.12	1U	1U
331.1	1	U	1	U	1	U	**25**		**79**		102		0.19	0.27	0.9	543	0.07	1U	1U
340.1	3	U	3	U	3	U	3	U	**190**		112		ND	0.04	ND	237	0.03	3U	3U
366.7	4	U	4	U	4	U	**7**		**260**		108		0.09	0.27	0.15	333	0.10	4U	4U
391.6	1	U	1	U	1	U	**4**		**23**		115		0.05	0.13	0.04	473	0.06	1U	1U
401.1	1	U	1	U	1	U	**3**		**15**		79		0.16	0.28	0.36	548	0.09	1U	1U
410.2	1	U	1	U	1	U	**3**		**25**		106		0.06	0.35	0.13	705	0.03	1U	1U
426.8	1	U	1	U	1	U	1	U	1	U	107		ND	0.04	0.07	184	0.02	1U	1U
480.9	1	U	1	U	1	U	1	U	**120**		96		0.39	1.14	0.15	795	0.30	1U	1U
487.4	1	U	1	U	1	U	1	U	**80**		110		0.06	0.10	0.08	776	0.06	1U	1U
497.0	1	U	1	U	1	U	1	U	**25**		110		0.18	1.00	0.12	480	0.09	1U	1U
504.8	1	U	1	U	1	U	1	U	**31**		96		0.05	0.08	0.05	573	0.06	1U	1U

Depth	VOC DATA, ug/L																																	
	Freon 123A	Q	Freon 123	Q	1,1-Dichloroethene	Q	1,1,1-Trichloroethene	Q	Toluene	Q	Chlorobenzene	Q	Ethylbenzene	Q	m,p-Xylene	Q	o-Xylene	Q	1,3-Dichlorobenzene	Q	1,4-Dichlorobenzene	Q	1,2-Dichlorobenzene	Q	%SS
76.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	84
86.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	81
96.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	82
106.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	100
116.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	107
126.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	111
136.4	20	U	20	U	20	U	20	U	20	U	20	U	20	U	40	U	20	U	20	U	20	U	20	U	110
146.4	12	U	12	U	12	U	12	U	12	U	12	U	12	U	24	U	12	U	12	U	12	U	12	U	106
156.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	110
165.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	101
176.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	96
188.9	10	U	10	U	10	U	10	U	10	U	10	U	10	U	20	U	10	U	10	U	10	U	**19**		104
212.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	115
221.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	**3**		107
231.4	6	U	6	U	6	U	6	U	6	U	6	U	6	U	12	U	6	U	6	U	6	U	**8**		98
238.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	97
248.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	94
256.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	102
266.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	108
276.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	96
286.4	3	U	3	U	3	U	3	U	3	U	3	U	3	U	6	U	3	U	3	U	3	U	3	U	99
295.5	3	U	3	U	3	U	3	U	3	U	3	U	3	U	6	U	3	U	3	U	3	U	**10**		100
306.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	**2**		101
313.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	**1**		107
331.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	**2**		102
340.1	3	U	3	U	3	U	3	U	3	U	3	U	3	U	6	U	3	U	3	U	3	U	20	U	112
366.7	4	U	4	U	4	U	4	U	4	U	4	U	4	U	8	U	4	U	4	U	4	U	4	U	108
391.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	115
401.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	79
410.2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	**3**		106
426.8	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	107
480.9	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	**2**		96
487.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	110
497.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	110
504.8	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	96

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
%SS = Surrogate Recovery
U = Undetected below the specified reporting limit.
J = Estimated value.
ND = Value below detection limit.
NS = Not Sampled

R2-0012088

STONE ENVIRONMENTAL INC

DRAFT

Mobile Laboratory Results Sheet

Client: GTEOSI
Location: Hicksville, NY
Project ID: Groundwater Profiling
SEI #: 03-1402
Date Sampled: 11/04-11/18/2003
Date Analyzed: 11/04-11/18/2003
Report Date: 11/18/2003

HOLE ID =P54	VOC DATA, ug/L											INORGANIC DATA, mg/L					COELUTING COMPOUNDS	
Depth	Vinyl Chloride	Q	t-Dichloroethene	Q	c-Dichloroethene	Q	Trichloroethene	Q	Tetrachloroethene	Q	% SS	Fe^{+2}	Fe, Total	Ammonia	Chloride	Chlorine, Total	1,1-DCE / Freon 113	1,2-DCA / Benzene
74.2	1	UJ	1	U	1	U	7		4		77	0.17	0.27	0.11	42	ND	1U	1U
87.6	1	UJ	1	U	8		56		25		111	0.35	0.43	0.42	63	0.05	1U	1U
97.6	8	U	8	U	200		240		130		109	0.33	0.38	0.11	48	ND	8U	8U
107.6	20	U	20	U	1000		350		250		111	0.24	0.37	0.3	41	ND	20U	20U
117.6	4		3	U	24		64		110		104	0.27	0.39	1.2	39	0.03	3U	3U
127.6	7		4	U	11		66		250		103	0.17	0.21	0.8	44	ND	4U	4U
137.6	4		3	U	3	U	27		100		110	0.16	0.28	0.7	61	ND	3U	3U
147.7	6	U	6	U	31		120		460		119	1.01	1.04	1.2	37	ND	6U	6U
155.8	3	U	3	U	5		43		150		112	0.31	0.43	2.2	94	ND	3U	3U
165.9	12	U	12	U	52		190		1000		105	0.45	0.53	0.59	39	ND	12U	12U
177.6	6	U	6	U	6	U	63		240		99	0.31	0.43	0.69	76	ND	6U	6U
187.6	1	U	1	U	3		13		13		93	0.20	0.30	1.3	178	ND	1U	1U
226.6	1	U	1	U	1	U	5		20		109	0.07	0.37	8.8	240	0.04	1U	1U
236.6	1	U	1	U	1	U	5		21		91	0.18	0.90	4.0	255	0.04	1U	1U
246.6	1	U	1	U	1	U	2		12		90	0.29	0.58	1.3	264	0.03	1U	1U
256.6	1	U	1	U	3		11		32		104	0.33	0.37	4.8	286	ND	1U	1U
268.0	3	U	3	U	89		91		109		103	0.34	2.59	10.4	154	ND	3U	3U
276.4	2	U	2	U	29		48		70		97	0.21	0.25	12.2	194	0.04	Detect	2U
285.4	1	U	1	U	9		32		46		106	0.09	0.12	8.2	122	ND	1U	1U
296.3	4	U	4	U	24		83		190		99	0.13	0.16	1.4	185	0.02	4U	4U
303.6	3	U	3	U	4		71		111		98	0.43	0.46	1.6	229	ND	3U	3U
326.3	3	U	3	U	3	U	53		110		103	0.11	0.14	3.25	456	ND	3U	3U
334.4	3	U	3	U	3	U	54		100		111	0.27	0.28	2.3	403	ND	3U	3U
343.0	6	U	6	U	6	U	390		260		103	0.24	0.25	0.07	254	ND	6U	6U
351.3	3	U	3	U	3	U	49		170		103	0.09	0.10	0.19	395	0.05	3U	3U
360.8	3	U	3	U	3	U	39		130		108	0.08	0.16	0.22	335	0.05	3U	3U
400.1	1	U	1	U	1	U	1	U	1	U	98	ND	0.08	0.05	30	0.04	1U	1U
411.1	1	U	1	U	1	U	1	U	5		106	ND	ND	0.02	52	0.02	1U	1U
421.0	1	U	1	U	1	U	1	U	5		86	0.04	0.08	0.06	52	0.03	1U	1U
431.0	1	U	1	U	1	U	1	U	3		80	0.12	0.24	0.24	68	0.09	1U	1U
437.1	1	U	1	U	1	U	1	U	3		80	0.25	0.41	0.56	82	0.20	1U	1U

	VOC DATA, ug/L																								
Depth	Freon 123A	Q	Freon 123	Q	1,1-Dichloroethane	Q	1,1,1-Trichloroethane	Q	Toluene	Q	Chlorobenzene	Q	Ethylbenzene	Q	m,p-Xylene	Q	o-Xylene	Q	1,3-Dichlorobenzene	Q	1,4-Dichlorobenzene	Q	1,2-Dichlorobenzene	Q	%SS
74.2	1	UJ	1	UJ	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	77
87.6	1	UJ	1	UJ	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	111
97.6	8	U	8	U	8	U	8	U	8	U	8	U	8	U	16	U	8	U	8	U	8	U	240		109
107.6	20	U	20	U	20	U	20	U	20	U	20	U	20	U	40	U	20	U	20	U	20	U	2700		111
117.6	3	U	3	U	5		3	U	3	U	3	U	3	U	6	U	3	U	3	U	3	U	37		104
127.6	4	U	4	U	7		4	U	4	U	4	U	4	U	8	U	4	U	4	U	4	U	4		103
137.6	3	U	3	U	6		3	U	3	U	3	U	3	U	6	U	3	U	3	U	3	U	3		110
147.7	6	U	6	U	6	U	6	U	6	U	6	U	6	U	12	U	6	U	6	U	6	U	22		119
155.8	3	U	3	U	3		3	U	3	U	3	U	3	U	6	U	3	U	3	U	3	U	5		112
165.9	12	U	12	U	12	U	12	U	12	U	12	U	12	U	24	U	12	U	12	U	12	U	20		105
177.6	6	U	6	U	6	U	6	U	6	U	6	U	6	U	12	U	6	U	6	U	6	U	6	U	99
187.6	1	U	1	U	1		1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	5		93
226.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	109
236.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	91
246.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	90
256.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	2		104
268.0	3	U	3	U	3	U	3	U	3	U	3	U	3	U	6	U	3	U	3	U	3	U	7		103
276.4	2	U	2	U	2	U	2	U	2	U	2	U	2	U	4	U	2	U	2	U	2	U	5		97
285.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	5		106
296.3	4	U	4	U	4	U	4	U	4	U	4	U	4	U	8	U	4	U	4	U	4	U	37		99
303.6	3	U	3	U	3	U	3	U	3	U	3	U	3	U	6	U	3	U	3	U	3	U	11		98
326.3	3	U	3	U	3	U	3	U	3	U	3	U	3	U	6	U	3	U	3	U	3	U	10		103
334.4	3	U	3	U	3	U	3	U	3	U	3	U	3	U	6	U	3	U	3	U	3	U	8		111
343.0	6	U	6	U	6	U	6	U	6	U	6	U	6	U	12	U	6	U	6	U	6	U	6	U	103
351.3	3	U	3	U	3	U	3	U	3	U	3	U	3	U	6	U	3	U	3	U	3	U	3	U	103
360.8	3	U	3	U	3	U	3	U	3	U	3	U	3	U	6	U	3	U	3	U	3	U	3	U	108
400.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	98
411.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	106
421.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	86
431.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	80
437.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	80

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
%SS = Surrogate Recovery
U = Undetected below the specified reporting limit.
J = Estimated value.
ND = Value below detection limit.
NS = Not Sampled

STONE ENVIRONMENTAL INC

DRAFT

Mobile Laboratory Results Sheet

Client:	GTEOSI
Location:	Hicksville, NY
Project ID:	Groundwater Profiling
SEI #:	03-1402
Date Sampled:	1/11/04 - 2/06/04
Date Analyzed:	1/11/04 - 2/06/04
Report Date:	2/6/2004

HOLE ID =P55

	VOC DATA, ug/L																INORGANIC DATA, mg/L					COELUTING COMPOUNDS	
Depth	Vinyl Chloride	Q	t-Dichloroethene	Q	c-Dichloroethene	Q	Trichloroethene	Q	Tetrachloroethene	Q	% SS	Fe^{+2}	Fe, Total	Ammonia	Chloride	Chlorine, Total	1,1-DCE / Freon 113	1,2-DCA / Benzene
74.6	1	U	1	U	1	U	1	U	1	U	93	0.04	0.23	0.09	40	0.03	1U	1U
84.1	1	U	1	U	1	U	1	U	1	U	90	ND	0.06	0.05	14	0.02	1U	1U
94.6	1	U	1	U	1	U	1	U	1	U	96	ND	0.04	0.06	13	0.02	1U	1U
104.6	1	U	1	U	1	U	1	U	1	U	95	ND	0.12	0.08	11	0.03	1U	1U
114.6	1	U	1	U	1	U	1	U	1	U	99	0.04	0.22	0.14	9	0.05	1U	1U
124.6	1	U	1	U	1	U	**2**		1	U	95	0.10	0.54	0.25	14	0.06	1U	1U
134.6	1	U	1	U	1	U	1	U	1	U	87	0.12	0.26	0.27	10	0.05	1U	1U
144.6	1	U	1	U	1	U	1	U	1	U	95	ND	0.07	0.06	10	0.04	1U	1U
154.6	**2**		1	U	**18**		**8**		1	U	88	0.11	0.24	0.17	14	0.03	1U	1U
164.6	**610**		12	U	**1200**		**98**		12	U	114	0.19	0.75	1.6	54	0.06	**Detect**	**Detect**
174.6	**580**		12	U	**140**		**54**		**22**		109	0.14	0.23	3.6	66	ND	**Detect**	**Detect**
186.2	**450**		12	U	**570**		**250**		**42**		108	0.23	0.75	2.4	75	0.07	**Detect**	**Detect**
244.4	8	U	8	U	**120**		**470**		**320**		111	0.11	1.02	6.9	**44**	0.06	8U	8U
254.4	20	U	20	U	**310**		**560**		**4600**		111	0.16	0.72	7	46	0.04	20U	20U
264.4	**13**		12	U	**53**		**580**		**1400**		107	0.12	0.20	6.6	82	0.02	**Detect**	12U
271.0	12	U	12	U	**37**		**660**		**1300**		107	0.15	0.34	5.4	80	ND	**Detect**	12U
294.3	12	U	12	U	**14**		**1000**		**510**		107	0.22	0.36	1.2	38	0.09	12U	12U
304.5	8	U	8	U	8	U	**740**		**250**		114	0.04	0.06	ND	72	0.04	8U	8U
312.0	**4**	U	4	U	4	U	**240**		**120**		114	ND	0.05	ND	49	0.06	**Detect**	4U
334.6	12	U	12	U	12	U	**1300**		**650**		117	0.24	0.30	0.07	96	ND	12U	12U
340.4	6	U	6	U	6	U	**390**		**180**		109	0.03	0.09	0.02	80	0.03	9U	9U
364.4	1	U	1	U	1	U	**1**		1	U	103	NS	NS	NS	NS	NS	1U	1U
374.4	1	U	1	U	1	U	**69**		**43**		102	0.06	2.37	0.21	71	0.03	1U	1U
381.6	1	U	1	U	1	U	1	U	1	U	93	NS	NS	NS	NS	NS	1U	1U
404.4	1	U	1	U	1	U	**5**		**1**	U	86	0.28	0.55	0.18	37	0.08	1U	1U
425.4	1	U	1	U	1	U	**2**		**1**		87	0.26	0.54	0.10	27	0.04	1U	1U
434.4	1	U	1	U	1	U	1	U	1	U	90	ND	0.05	ND	25	ND	1U	1U
442.3	1	U	1	U	1	U	**1**		1	U	89	ND	0.03	ND	28	0.02	1U	1U
474.4	1	U	1	U	1	U	1	U	1	U	86	NS	NS	NS	NS	NS	1U	1U

	VOC DATA, ug/L																											
Depth	Freon 123A	Q	Freon 123	Q	1,1-Dichloroethane	Q	1,1,1-Trichloroethane	Q	Toluene	Q	Chlorobenzene	Q	Ethylbenzene	Q	m,p-Xylene	Q	o-Xylene	Q	1,3-Dichlorobenzene	Q	1,4-Dichlorobenzene	Q	1,2-Dichlorobenzene	Q	%SS
74.6	1	U	1	U	1	U	1	U	**1**	U	**1**	U	1	U	2	U	1	U	1	U	1	U	1	U	93
84.1	1	U	1	U	1	U	1	U	**1**	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	90
94.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	96
104.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	95
114.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	99
124.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	95
134.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	87
144.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	95
154.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	88
164.6	12	U	12	U	12	U	12	U	12	U	**130**		12	U	24	U	**17**		12	U	12	U	**200**		114
174.6	12	U	12	U	12	U	12	U	12	U	**220**		12	U	24	U	12	U	12	U	12	U	**54**		109
186.2	12	U	12	U	12	U	12	U	12	U	**140**		12	U	24	U	12	U	12	U	12	U	**95**		108
244.4	8	U	8	U	8	U	8	U	8	U	8	U	8	U	16	U	8	U	8	U	8	U	**13**		111
254.4	20	U	20	U	20	U	**25**		20	U	20	U	20	U	40	U	20	U	20	U	20	U	**140**		111
264.4	12	U	12	U	12	U	12	U	12	U	12	U	12	U	24	U	12	U	12	U	12	U	**22**		107
271.0	12	U	12	U	12	U	12	U	12	U	12	U	12	U	24	U	12	U	12	U	12	U	**28**		107
294.3	12	U	12	U	12	U	12	U	12	U	12	U	12	U	24	U	12	U	12	U	12	U	**25**		107
304.5	8	U	8	U	8	U	8	U	8	U	8	U	8	U	16	U	8	U	8	U	8	U	8	U	114
312.0	4	U	4	U	4	U	4	U	4	U	4	U	4	U	8	U	4	U	4	U	4	U	4	U	114
334.6	12	U	12	U	12	U	12	U	12	U	12	U	12	U	24	U	12	U	12	U	12	U	12	U	117
340.4	6	U	6	U	6	U	6	U	6	U	6	U	6	U	12	U	6	U	6	U	6	U	6	U	109
364.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	103
374.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	102
381.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	93
404.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	**2**		86
425.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	**1**		87
434.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	90
442.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	89
474.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	86

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
%SS = Surrogate Recovery
U = Undetected below the specified reporting limit.
J = Estimated value.
ND = Value below detection limit.
NS = Not Sampled

STONE ENVIRONMENTAL INC

DRAFT

Mobile Laboratory Results Sheet

Client:	GTEOSI
Location:	Hicksville, NY
Project ID:	Groundwater Profiling
SEI #:	03-1402
Date Sampled:	1/21-1/29/2004
Date Analyzed:	1/21-1/29/2004
Report Date:	1/29/2004

HOLE ID =P56	VOC DATA, ug/L																				INORGANIC DATA, mg/L					COELUTING COMPOUNDS	
Depth	Vinyl Chloride	Q	t-Dichloroethene	Q	c-Dichloroethene	Q	Trichloroethene	Q	Tetrachloroethene	Q	% SS										Fe^{+2}	Fe, Total	Ammonia	Chloride	Chlorine, Total	1,1-DCE / Freon 113	1,2-DCA / Benzene
76.6	1	U	1	U	1	U	1	U	**180**		111										0.20	0.42	0.05	16	0.06	1U	1U
86.6	1	U	1	U	1	U	1	U	1	U	99										0.07	0.16	0.05	15	ND	1U	1U
96.6	1	U	1	U	1	U	1	U	1	U	91										0.04	0.11	0.05	14	ND	1U	1U
106.6	**35**	J	1	U	1	U	1	U	1	U	102										0.04	0.15	0.06	90	0.03	1U	1U
116.6	**22**	J	1	U	1	U	1	U	1	U	95										0.04	0.07	0.06	125	0.05	1U	1U
126.6	**10**	J	1	U	1	U	1	U	1	U	91										0.21	0.44	0.27	106	0.14	1U	1U
136.6	**7**	J	1	U	1	U	1	U	1	U	88										ND	0.11	0.07	165	0.04	1U	1U
146.6	**3**	J	1	U	1	U	1	U	1	U	100										ND	0.11	0.05	180	0.06	1U	1U
156.6	**1**	J	1	U	1	U	1	U	1	U	94										ND	0.19	0.17	70	0.03	1U	1U
166.6	1	U	1	U	1	U	1	U	1	U	99										0.07	0.12	0.07	287	0.06	1U	1U
176.6	1	U	1	U	1	U	1	U	1	U	94										0.06	0.22	0.10	290	0.05	1U	1U
186.6	1	U	1	U	1	U	1	U	1	U	99										0.09	0.69	0.24	108	0.03	1U	1U
194.0	1	U	1	U	1	U	1	U	1	U	104										0.16	0.58	0.42	244	0.07	1U	1U
211.5	1	U	1	U	1	U	1	U	1	U	101										ND	0.16	0.05	179	0.04	1U	1U
221.5	1	U	1	U	1	U	1	U	1	U	103										ND	0.06	0.02	212	0.05	1U	1U
231.5	1	U	1	U	1	U	1	U	1	U	99										0.04	0.61	0.18	181	0.05	1U	1U
241.5	1	U	1	U	1	U	1	U	1	U	113										0.11	0.68	0.29	156	0.13	1U	1U
251.5	1	U	1	U	1	U	1	U	1	U	103										0.03	0.05	0.04	82	0.06	1U	1U
261.5	1	U	1	U	1	U	1	U	1	U	110										0.08	0.32	0.20	52	0.09	1U	1U
305.9	1	U	1	U	1	U	1	U	1	U	96										0.04	0.20	0.11	148	0.05	1U	1U
316.5	1	U	1	U	1	U	1	U	1	U	89										ND	0.11	0.03	24	0.05	1U	1U
324.2	1	U	1	U	1	U	1	U	1	U	94										0.04	0.06	0.08	62	0.05	1U	1U
346.6	1	U	1	U	1	U	1	U	1	U	97										0.11	0.78	0.23	32	0.12	1U	1U
354.0	1	U	1	U	1	U	1	U	1	U	104										0.07	0.17	0.14	33	0.06	1U	1U
388.6	1	U	1	U	1	U	1	U	1	U	85										0.03	0.14	0.03	16	0.03	1U	1U

	VOC DATA, ug/L																															
Depth	Freon 123A	Q	Freon 123	Q	1,1-Dichloroethane	Q	1,1,1-Trichloroethane	Q	Toluene	Q	Chlorobenzene	Q	Ethylbenzene	Q	m,p-Xylene	Q	o-Xylene	Q	1,3-Dichlorobenzene	Q	1,4-Dichlorobenzene	Q	1,2-Dichlorobenzene	Q	%SS							
76.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	**1**		111							
86.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	99							
96.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	91							
106.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	102							
116.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	95							
126.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	91							
136.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	88							
146.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	100							
156.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	94							
166.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	99							
176.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	94							
186.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	99							
194.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	104							
211.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	101							
221.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	103							
231.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	99							
241.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	113							
251.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	103							
261.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	110							
305.9	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	96							
316.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	89							
324.2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	94							
346.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	97							
354.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	104							
388.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	85							

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
%SS = Surrogate Recovery
U = Undetected below the specified reporting limit.
J = Estimated value.
ND = Value below detection limit.
NS = Not Sampled

STONE ENVIRONMENTAL INC

DRAFT

Mobile Laboratory Results Sheet

Client:	GTEOSI
Location:	Hicksville, NY
Project ID:	Groundwater Profiling
SEI #:	03-1402
Date Sampled:	11/04-11/12/2003
Date Analyzed:	11/04-11/12/2003
Report Date:	11/12/2003

HOLE ID =P58

Depth	VOC DATA, ug/L											INORGANIC DATA, mg/L					COELUTING COMPOUNDS	
	Vinyl Chloride	Q	t-Dichloroethene	Q	c-Dichloroethene	Q	Trichloroethene	Q	Tetrachloroethene	Q	% SS	Fe^{+2}	Fe, Total	Ammonia	Chloride	Chlorine, Total	1,1-DCE / Freon 113	1,2-DCA / Benzene
79.7	1	UJ	1	U	1	U	1	U	1	U	84	ND	ND	ND	23	0.06	1U	1U
89.7	1	UJ	1	U	1	U	1	U	1	U	84	0.09	0.22	0.2	21	0.03	1U	1U
99.7	1	UJ	1	U	1	U	1	U	1	U	84	0.22	0.38	0.4	33	0.12	1U	1U
109.7	1	U	1	U	1	U	1	U	1	U	96	0.33	0.67	0.46	28	0.21	1U	1U
119.7	1	U	1	U	1	U	1	U	**2**		92	0.06	0.13	0.14	ND	0.04	1U	1U
129.7	1	U	1	U	1	U	1	U	1	U	95	0.26	0.67	0.53	ND	0.12	1U	1U
139.7	1	U	1	U	1	U	1	U	1	U	109	0.11	0.21	0.21	102	0.06	1U	1U
149.7	1	U	1	U	1	U	1	U	1	U	109	0.09	0.31	0.26	13	0.05	1U	1U
159.7	1	U	1	U	1	U	1	U	1	U	108	0.19	0.31	0.29	76	0.07	1U	1U
169.7	1	U	1	U	1	U	1	U	1	U	94	0.19	0.20	0.05	93	0.1	1U	1U
179.7	1	U	1	U	1	U	1	U	1	U	107	0.23	0.49	0.41	67	0.09	1U	1U
189.7	1	U	1	U	1	U	1	U	1	U	90	0.05	0.10	0.07	76	0.03	1U	1U
196.0	1	U	1	U	1	U	1	U	1	U	91	0.21	0.44	0.56	98	0.16	1U	1U
213.2	1	U	1	U	1	U	1	U	**3**		91	ND	0.31	0.09	62	ND	1U	1U
274.7	1	U	1	U	1	U	**1**		**50**		101	ND	0.04	0.05	638	0.02	1U	1U
284.7	1	U	1	U	1	U	1	U	**43**		100	0.04	0.14	0.14	591	0.03	1U	1U
294.7	1	U	1	U	1	U	**1**		**46**		101	0.12	0.16	0.22	315	0.03	1U	1U
304.7	1	U	1	U	**2**		**2**		**49**		106	0.27	0.33	0.40	81	0.06	1U	1U
314.7	3	U	3	U	3	U	3	U	**120**		110	0.06	0.07	0.03	111	0.02	3U	3U
323.2	1	U	1	U	1	U	1	U	**1**		102	0.03	0.05	0.07	51	ND	1U	1U
342.3	1	U	1	U	1	U	1	U	1	U	90	0.05	0.22	0.08	88	0.03	1U	1U
402.4	1	U	1	U	1	U	**1**		**15**		98	0.30	0.42	0.07	552	0.17	1U	1U
432.1	1	U	1	U	1	U	**2**		**15**		99	0.05	0.15	0.10	900	0.04	1U	1U
471.4	1	U	1	U	1	U	**13**		**19**		94	0.04	0.11	0.06	953	0.04	1U	1U

Depth	VOC DATA, ug/L																								
	Freon 123A	Q	Freon 123	Q	1,1-Dichloroethane	Q	1,1,1-Trichloroethane	Q	Toluene	Q	Chlorobenzene	Q	Ethylbenzene	Q	m,p-Xylene	Q	o-Xylene	Q	1,3-Dichlorobenzene	Q	1,4-Dichlorobenzene	Q	1,2-Dichlorobenzene	Q	%SS
79.7	1	UJ	1	UJ	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	84
89.7	1	UJ	1	UJ	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	84
99.7	1	UJ	1	UJ	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	84
109.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	96
119.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	92
129.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	95
139.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	109
149.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	109
159.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	108
169.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	94
179.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	107
189.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	90
196.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	91
213.2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	91
274.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	101
284.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	100
294.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	101
304.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	106
314.7	3	U	3	U	3	U	3	U	3	U	3	U	3	U	6	U	3	U	3	U	3	U	3	U	110
323.2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	102
342.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	90
402.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	98
432.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	99
471.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	94

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
%SS = Surrogate Recovery
U = Undetected below the specified reporting limit.
J = Estimated value.
ND = Value below detection limit.
NS = Not Sampled

STONE ENVIRONMENTAL INC

DRAFT

Mobile Laboratory Results Sheet

Client:	GTEOSI
Location:	Hicksville, NY
Project ID:	Groundwater Profiling
SEI #:	071867-R
Date Sampled:	02/02/2007-02/21/2007
Date Analyzed:	02/02/2007-02/21/2007
Report Date:	3/8/2007

HOLE ID = P-102

VOC DATA, ug/L

Depth	Vinyl Chloride Value	Q	DF	t-Dichloroethene Value	Q	DF	c-Dichloroethene Value	Q	DF	Trichloroethene Value	Q	DF	Tetrachloroethene Value	Q	DF	% SS
75.5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	121
85.5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	124
95.5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	93
105.5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	113
115.5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	114
138.1	1	U	1	1	U	1	1	U	1	1	U	1	1		1	93
150.5	1	U	1	1	U	1	1	U	1	1	U	1	2		1	121
160.4	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	96
170.5	1	U	1	1	U	1	1	U	1	1	U	1	1		1	100
180.4	1	U	1	1	U	1	1	U	1	2		1	3		1	96
205.2	1	U	1	1	U	1	1		1	2		1	33		1	89
215.2	1	U	1	1	U	1	5		1	7		1	170		10	88
225.2	1	U	1	1	U	1	1	U	1	2		1	24		1	87
235.2	1	U	1	1	U	1	1	U	1	3		1	35		1	82
245.2	1	U	1	1	U	1	1	U	1	6		1	48		1	98
257.7	1	U	1	1	U	1	2		1	7		1	500		1	94
265.2	1	U	1	1	U	1	13		1	240	J	240	4800		240	93
275.2	1	U	1	1	U	1	9		1	370	J	100	2900		100	90
283.4	1	U	1	1	U	1	4		1	81		1	1200		24	95
309.4	1	U	1	1	U	1	7		1	14		1	1000		24	114
320.3	1	U	1	1	U	1	1	U	1	1	U	1	71		1	107
329.3	1	U	1	1	U	1	1	U	1	1	U	1	80		1	111
340.3	1	U	1	1	U	1	1	U	1	1	U	1	70		1	108
361.8	1	U	1	1	U	1	1	U	1	1	U	1	98		24	108
370.6	1	U	1	1	U	1	1	U	1	1	U	1	19		1	113
381.0	1	U	1	1	U	1	1	U	1	1	U	1	21		1	105
389.9	1	U	1	1	U	1	1	U	1	3		1	83		10	114
422.1	1	U	1	1	U	1	1	U	1	1	U	1	1		1	109
431.9	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	112
449.5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	109
459.8	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	109
474.3	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	103

INORGANIC DATA, mg/L

Fe^{++}	Fe, Total	Ammonia	Chloride	Chlorine, Total
0.37	0.69	0.22	82	0.28
0.28	0.56	0.22	35	0.05
0.40	0.80	0.34	67	0.40
0.24	0.39	0.03	16	ND
0.11	0.24	0.03	20	ND
0.52	0.68	2.5	29	ND
0.45	0.50	2.5	19	ND
0.34	1.02	1.6	48	0.12
0.70	2.70	5.9	26	0.92
0.63	0.81	7.2	66	ND
0.23	0.37	2.8	31	ND
0.32	0.36	4.5	51	ND
0.22	0.39	8.8	20	ND
0.36	0.52	4.0	34	0.02
0.47	0.49	6.2	29	ND
0.31	0.44	9.4	35	ND
0.38	0.64	8.00	19	0.10
0.35	0.71	0.70	13	0.13
NA	NA	NA	NA	NA
0.06	0.23	0.17	32	0.02
0.06	0.20	0.30	72	ND
0.04	0.18	0.04	107	0.03
0.04	0.27	0.08	100	0.02
0.06	0.21	0.07	68	0.03
0.03	0.20	0.08	42	0.03
0.02	0.13	0.04	29	0.02
0.02	0.12	0.04	12	ND
0.22	0.80	0.20	47	0.15
0.10	0.37	0.10	4	0.06
0.02	0.18	0.06	3	ND
0.07	0.23	0.29	28	0.02
ND	0.10	0.04	27	ND

Freons, ug/L

Freon 113 Value	Q	DF	Freon 123 Value	Q	DF	Freon 123A Value	Q	DF
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
3		1	1	U	1	1	U	1
4		1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1

VOC DATA, ug/L

Depth	1,1-Dichloroethene Value	Q	DF	1,1-Dichloroethane Value	Q	DF	1,1,1-Trichloroethane Value	Q	DF	1,1,1,2-Tetrachloroethane	Q	DF	Carbon Tetrachloride Value	Q	DF	Benzene Value	Q	DF	1,2-Dichlorothane Value	Q	DF
75.5	1	U	1	1	U	1	1	U	1	NA			1	U	1	1	U	1	1	U	1
85.5	1	U	1	1	U	1	1	U	1	NA			1	U	1	1	U	1	1	U	1
95.5	1	U	1	1	U	1	1	U	1	NA			1	U	1	1	U	1	1	U	1
105.5	1	U	1	1	U	1	1	U	1	NA			1	U	1	1	U	1	1	U	1
115.5	1	U	1	1	U	1	1	U	1	NA			1	U	1	1	U	1	1	U	1
138.1	1	U	1	1	U	1	1		1	NA			1	U	1	1	U	1	1	U	1
150.5	1	U	1	2		1	2		1	NA			1	U	1	1	U	1	1	U	1
160.4	1	U	1	1	U	1	1	U	1	NA			1	U	1	1	U	1	1	U	1
170.5	1		1	3		1	4		1	NA			1	U	1	1	U	1	1	U	1
180.4	1	U	1	1	U	1	1	U	1	NA			1	U	1	1	U	1	1	U	1
205.2	1	U	1	1	U	1	1	U	1	NA			1	U	1	1	U	1	1	U	1
215.2	1	U	1	1	U	1	1	U	1	NA			1	U	1	1	U	1	1	U	1
225.2	1		1	1		1	3		1	NA			1	U	1	1	U	1	1	U	1
235.2	1	U	1	1	U	1	1	U	1	NA			1	U	1	1	U	1	1	U	1
245.2	1	U	1	1	U	1	1	U	1	NA			1	U	1	1	U	1	1	U	1
257.7	1	U	1	1	U	1	1	U	1	NA			1	U	1	1	U	1	1	U	1
265.2	1	U	1	1	U	1	1	U	1	NA			5		1	1	U	1	1	U	1
275.2	1	U	1	1	U	1	1	U	1	NA			5		1	1	U	1	1	U	1
283.4	1	U	1	1	U	1	1	U	1	NA			1	U	1	1	U	1	1	U	1
309.4	1	U	1	1	U	1	1	U	1	1		1	1		1	1	U	1	1	U	1
320.3	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
329.3	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
340.3	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
361.8	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
370.6	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
381.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
389.9	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
422.1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
431.9	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
449.5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	
459.8	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	
474.3	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	

Depth	Toluene Value	Q	DF	Chlorobenzene Value	Q	DF	Ethylbenzene Value	Q	DF	m,p-Xylene Value	Q	DF	o-Xylene Value	Q	DF	1,3-Dichlorobenzene Value	Q	DF	1,4-Dichlorobenzene Value	Q	DF	1,2-Dichlorobenzene Value	Q	DF	%SS
75.5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	121
85.5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	124
95.5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	93
105.5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	113
115.5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	114
138.1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	93
150.5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	121
160.4	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	96
170.5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	100
180.4	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	96
205.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	89
215.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	8		1	88
225.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	87
235.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	82
245.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	98
257.7	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	94
265.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	7		1	93
275.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	90
283.4	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	3		1	95
309.4	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	114
320.3	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	107
329.3	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	111
340.3	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	108
361.8	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	108
370.6	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	113
381.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	105
389.9	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	114
422.1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	109
431.9	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	112
449.5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	109
459.8	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	109
474.3	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	103

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb

%SS = Surrogate Recovery

U = Undetected below the specified reporting limit.

J = Estimated value.

ND = Value below detection limit.

NA = Not Analyzed.

STONE ENVIRONMENTAL INC

DRAFT

/obile Laboratory Results Sheet

lient:	GTEOSI
ocation:	Hicksville, NY
oject ID:	Groundwater Profiling
EI #:	03-1402
ate Sampled:	4/18 - 4/28/05
ate Analyzed:	4/18 - 4/28/05
eport Date:	5/19/2005

HOLE ID =P103

VOC DATA, ug/L

Depth	Vinyl Chloride Value	Q	DF	t-Dichloroethene Value	Q	DF	c-Dichloroethene Value	Q	DF	Trichloroethene Value	Q	DF	Tetrachloroethene Value	Q	DF	% SS
74.0	4	U	4	4	U	4	4	U	4	**19**		4	**430**		1	105
84.5	1	U	1	1	U	1	1	U	1	**1**		1	**60**		1	105
94.5	1	U	1	1	U	1	1	U	1	**1**		1	**18**		1	84
104.5	1	U	1	1	U	1	1	U	1	**1**		1	**11**		1	83
114.5	1	U	1	1	U	1	1	U	1	1	U	1	**3**		1	83
124.5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	80
134.5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	84
144.5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	87
154.5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	82
164.5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	81
174.5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	86
184.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	84
194.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	78
204.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	81
214.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	77
224.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	81
234.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	86
244.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	84
253.3	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	84
264.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	83
274.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	84
284.3	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	78
294.3	1	U	1	1	U	1	1	U	1	1	U	1	**5**		1	76
303.5	1	U	1	1	U	1	1	U	1	1	U	1	**8**		1	83
333.4	1	U	1	1	U	1	1	U	1	1	U	1	**8**		1	83
344.2	1	U	1	1	U	1	1	U	1	**3**		1	**2**		1	76
354.2	1	U	1	1	U	1	1	U	1	**3**		1	1	U	1	81
376.1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	78
384.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	80
394.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	82
404.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	84

INORGANIC DATA, mg/L; COELUTING COMPOUNDS

Depth	Fe^{+2}	Fe, Total	Ammonia	Chloride	Chlorine, Total	Freon 113 / Freon 123A	Q	DF
74.0	nd	0.04	0.02	26	0.50	4	U	4
84.5	0.05	0.21	0.13	10	0.05	1	U	1
94.5	0.06	0.35	0.03	25	0.03	1	U	1
104.5	0.26	2.37	1	68	nd	1	U	1
114.5	nd	0.10	nd	89	0.04	1	U	1
124.5	0.10	0.42	0.9	131	0.04	1	U	1
134.5	0.16	0.58	0.35	174	0.04	1	U	1
144.5	0.10	0.25	0.07	155	0.03	1	U	1
154.5	1.40	4.80	0.04	185	0.06	1	U	1
164.5	0.10	0.29	0.09	149	0.08	1	U	1
174.5	0.11	0.32	0.11	66	0.07	1	U	1
184.2	0.07	0.24	0.08	180	0.03	1	U	1
194.2	0.04	0.11	0.04	167	0.03	1	U	1
204.2	0.11	0.28	0.22	205	0.07	1	U	1
214.2	0.03	0.06	0.11	255	0.04	1	U	1
224.2	0.06	0.18	0.11	151	0.03	1	U	1
234.2	0.04	0.09	0.08	218	0.03	1	U	1
244.2	0.03	0.04	nd	329	nd	1	U	1
253.3	0.12	0.24	0.22	483	0.05	1	U	1
264.2	0.06	0.19	0.15	568	0.38	1	U	1
274.2	nd	0.08	0.03	658	0.03	1	U	1
284.3	0.06	0.30	nd	745	0.03	1	U	1
294.3	0.05	0.20	nd	841	0.04	1	U	1
303.5	nd	0.03	nd	978	0.02	1	U	1
333.4	0.04	0.12	nd	421	nd	1	U	1
344.2	0.17	0.75	0.54	41	0.05	1	U	1
354.2	0.13	0.16	0.45	18	0.08	1	U	1
376.1	0.25	0.40	0.37	17	0.09	1	U	1
384.2	0.07	0.12	0.08	21	nd	1	U	1
394.2	0.12	0.18	0.18	12	0.03	1	U	1
404.2	0.14	0.22	0.37	14	0.08	1	U	1

VOC DATA, ug/L

Depth	1,1-Dichloroethene Value	Q	DF	Freon 123 Value	Q	DF	1,1-Dichloroethane Value	Q	DF	1,1,1-Trichloroethane Value	Q	DF	Benzene Value	Q	DF	1,2-Dichlorothane Value	Q	DF	Toluene Value	Q	DF
74.0	4	U	4	4	U	4	4	U	4	4	U	4	4	U	4	4	U	4	4	U	4
84.5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
94.5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
104.5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
114.5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
124.5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
134.5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
144.5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
154.5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
164.5	**1**		1	1	U	1	**2**		1	**2**		1	1	U	1	1	U	1	1	U	1
174.5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
184.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
194.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
204.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
214.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
224.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
234.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
244.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
253.3	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
264.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
274.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
284.3	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
294.3	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
303.5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
333.4	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
344.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	**1**		1	1	U	1
354.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
376.1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
384.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
394.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
404.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1

Depth	Chlorobenzene Value	Q	DF	Ethylbenzene Value	Q	DF	m,p-Xylene Value	Q	DF	o-Xylene Value	Q	DF	1,3-Dichlorobenzene Value	Q	DF	1,4-Dichlorobenzene Value	Q	DF	1,2-Dichlorobenzene Value	Q	DF	%SS
74.0	4	U	4	4	U	4	8	U	4	4	U	4	4	U	4	4	U	4	4	U	4	105
84.5	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	105
94.5	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	84
104.5	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	83
114.5	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	83
124.5	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	80
134.5	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	84
144.5	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	87
154.5	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	82
164.5	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	81
174.5	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	86
184.2	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	84
194.2	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	78
204.2	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	81
214.2	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	77
224.2	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	81
234.2	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	86
244.2	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	84
253.3	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	84
264.2	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	83
274.2	1	U	1	1	U	1	2	U	1	1	U	1	**1**		1	1	U	1	1	U	1	84
284.3	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	78
294.3	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	76
303.5	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	83
333.4	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	83
344.2	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	76
354.2	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	81
376.1	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	78
384.2	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	80
394.2	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	82
404.2	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	84

nples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
S = Surrogate Recovery
Undetected below the specified reporting limit.
Estimated value.
= Value below detection limit.
= Not Sampled
=Laboratory Dilution Factor

R2-0012094

STONE ENVIRONMENTAL INC

Mobile Laboratory Results Sheet

DRAFT

Client:	GTEOSI
Location:	Hicksville, NY
Project ID:	Groundwater Profiling
SEI #:	071867-R
Date Sampled:	02/28/2007-03/20/2007
Date Analyzed:	02/28/2007-03/20/2007
Report Date:	3/22/2007

HOLE ID = P-104

VOC DATA, ug/L

Depth	Vinyl Chloride Value	Q	DF	t-Dichloroethene Value	Q	DF	c-Dichloroethene Value	Q	DF	Trichloroethene Value	Q	DF	Tetrachloroethene Value	Q	DF	% SS
75.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	111
85.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	111
93.4	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	103
105.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	107
112.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	113
147.7	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	114
155.1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	102
163.8	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	109
173.1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	114
184.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	105
195.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	118
205.0	1	U	1	1	U	1	1	U	1	4		1	5		1	108
215.0	1	U	1	1	U	1	1	U	1	1	U	1	3		1	98
224.7	1	U	1	1	U	1	1		1	47		1	530		10	99
235.0	1	U	1	1	U	1	10		1	140		10	560		10	107
245.0	1	U	1	1	U	1	10		1	230		10	1000		10	112
253.7	1	U	1	1	U	1	1	U	1	2		1	11		1	105
267.8	1	U	1	1	U	1	1		1	47		1	39		1	109
291.3	1	U	1	1	U	1	2		1	19		1	30		1	105
313.9	1	U	1	1	U	1	8		1	210		5	530		5	111
320.0	1	U	1	1	U	1	9		1	940		10	900		10	107
330.0	1	U	1	1	U	1	9		1	730		10	720		10	113
340.0	1	U	1	1	U	1	11		1	840		10	1000		10	108
348.7	1	U	1	1	U	1	20		1	89		10	3300		10	113
377.4	1	U	1	1	U	1	11		1	24		1	3100		10	108
385.0	1	U	1	1	U	1	10		1	18		1	2100		10	113
394.7	1	U	1	1	U	1	2		1	3		1	240		10	113
400.0	1	U	1	1	U	1	1	U	1	1		1	95		1	115
411.0	1	U	1	1	U	1	1	U	1	1	U	1	39		1	112
419.6	1	U	1	1	U	1	1	U	1	1	U	1	63		10	113
427.9	1	U	1	1	U	1	1	U	1	1	U	1	21		1	116
441.1	1	U	1	1	U	1	1	U	1	1	U	1	12		1	120
450.0	1	U	1	1	U	1	1	U	1	1	U	1	15		1	117
461.7	1	U	1	1	U	1	1	U	1	1	U	1	7		1	112
471.0	1	U	1	1	U	1	1	U	1	1	U	1	4		1	103
482.4	1	U	1	1	U	1	1	U	1	1	U	1	1		1	121
489.4	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	120

INORGANIC DATA, mg/L

Fe^{2+}	Fe Total	Ammonia	Chloride	Chlorine, Total
ND	0.32	0.06	113	ND
NA	NA	NA	NA	NA
0.06	0.43	0.28	48	0.04
ND	0.18	ND	38	ND
0.05	0.35	0.18	102	0.03
ND	0.12	0.02	67	ND
ND	0.21	0.02	79	ND
ND	0.19	ND	43	ND
0.04	0.28	0.18	45	0.02
0.11	0.43	0.21	42	0.05
0.12	0.56	0.26	48	0.07
0.23	1.32	0.90	49	0.24
0.15	0.39	0.24	44	0.02
0.36	0.41	0.03	40	ND
0.15	1.04	0.44	28	0.04
0.05	1.90	0.40	14	0.12
0.41	0.51	0.07	12	ND
0.03	0.14	0.07	22	ND
0.46	25.70	4.9	10	0.68
0.10	0.35	0.19	ND	ND
0.04	0.15	0.14	15	ND
0.09	0.20	0.02	14	ND
0.08	0.14	0.04	16	ND
0.07	0.16	0.09	16	0.03
ND	0.35	0.11	32	0.03
0.03	0.09	0.11	47	ND
0.05	0.17	0.19	75	0.05
ND	0.10	0.04	39	ND
0.06	0.11	0.06	19	ND
ND	0.27	0.04	34	0.02
0.09	0.21	0.12	39	0.08
0.10	0.22	0.17	35	0.09
0.04	0.06	0.13	26	0.10
ND	ND	0.03	ND	ND
ND	0.09	0.06	ND	0.02
0.07	0.46	0.04	ND	0.05
ND	ND	0.02	ND	0.03

Freons, ug/L

Freon 113 Value	Q	DF	Freon 123 Value	Q	DF	Freon 123A Value	Q	DF
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1		1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
7		1	1	U	1	1	U	1
3		1	1	U	1	1	U	1
3		1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1

VOC DATA, ug/L

Depth	1,1-Dichloroethene Value	Q	DF	1,1-Dichloroethane Value	Q	DF	1,1,1-Trichloroethane Value	Q	DF	1,1,1,2-Tetrachloroethane Value	Q	DF	Carbon Tetrachloride Value	Q	DF	Benzene Value	Q	DF	1,2-Dichlorothane Value	Q	DF
75.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
85.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
93.4	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
105.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
112.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
147.7	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
155.1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
163.8	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
173.1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
184.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
195.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
205.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
215.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
224.7	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
235.0	1		1	1	U	1	1		1	1	U	1	1	U	1	1	U	1	1	U	1
245.0	1	U	1	1	U	1	1	U	1	1		1	6		1	1	U	1	1	U	1
253.7	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
267.8	1	U	1	1	U	1	1		1	1	U	1	1		1	1	U	1	1	U	1
291.3	1	U	1	1	U	1	1	U	1	1	U	1	2		1	1	U	1	1	U	1
313.9	1	U	1	1	U	1	1	U	1	1	U	1	7		1	1	U	1	1	U	1
320.0	3		1	1	U	1	2		1	1	U	1	12		1	1	U	1	1	U	1
330.0	1		1	1	U	1	1	U	1	1		1	10		1	1	U	1	1	U	1
340.0	2		1	1	U	1	1		1	1		1	11		1	1	U	1	1	U	1
348.7	1	U	1	1	U	1	1	U	1	4		1	3		1	1	U	1	1	U	1
377.4	1	U	1	1	U	1	1	U	1	2		1	2		1	1	U	1	1	U	1
385.0	1	U	1	1	U	1	1	U	1	2		1	2		1	1	U	1	1	U	1
394.7	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
400.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
411.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
419.6	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
427.9	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
441.1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
450.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
461.7	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
471.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
482.4	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
489.4	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1

Depth	Toluene Value	Q	DF	Chlorobenzene Value	Q	DF	Ethylbenzene Value	Q	DF	m,p-Xylene Value	Q	DF	o-Xylene Value	Q	DF	1,3-Dichlorobenzene Value	Q	DF	1,4-Dichlorobenzene Value	Q	DF	1,2-Dichlorobenzene Value	Q	DF	%SS
75.0	2		1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	111
85.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	111
93.4	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	103
105.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	107
112.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	113
147.7	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	114
155.1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	102
163.8	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	109
173.1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	114
184.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	105
195.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	118
205.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	108
215.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	98
224.7	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	99
235.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	107
245.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	112
253.7	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	105
267.8	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	109
291.3	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	105
313.9	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	111
320.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	107
330.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	113
340.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	108
348.7	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	113
377.4	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	108
385.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	113
394.7	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	113
400.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	115
411.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	112
419.6	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	113
427.9	1		1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	116
441.1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	120
450.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	117
461.7	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	112
471.0	1	U	1	1	U	1	1	U	1	1	U		1	U	1	1	U	1	1	U	1	1	U	1	103
482.4	1	U	1	1	U	1	1	U	1	1	U		1	U	1	1	U	1	1	U	1	1	U	1	121
489.4	1	U	1	1	U	1	1	U	1	1	U		1	U	1	1	U	1	1	U	1	1	U	1	120

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb

%SS = Surrogate Recovery

U = Undetected below the specified reporting limit.

ND = Value below detection limit.

NA = Not Analyzed.

R2-0012095

STONE ENVIRONMENTAL INC

DRAFT

lobile Laboratory Results Sheet

lient:	GTEOSI
ocation:	Hicksville, NY
roject ID:	Groundwater Profiling
EI #:	03-1402
ate Sampled:	5/16 - 5/25/05
ate Analyzed:	5/16 - 5/25/05
eport Date:	5/31/2005

HOLE ID =P107

	VOC DATA, ug/L																INORGANIC DATA, mg/L					COELUTING COMPOUNDS		
	Vinyl Chloride			t-Dichloroethene			c-Dichloroethene			Trichloroethene			Tetrachloroethene			% SS						Freon 113 / Freon 123A		
Depth	Value	Q	DF	Value	Q	DF	Value	Q	DF	Value	Q	DF	Value	Q	DF		Fe^{2+}	Fe, Total	Ammonia	Chloride	Chlorine, Total		Q	DF
74.30	1	U	1	1	U	1	1	U	1	1	U	1	2		1	95	ND	0.03	0.04	118	0.03	1	U	1
84.30	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	102	0.06	0.11	0.08	88	0.04	1	U	1
94.30	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	95	0.16	0.40	0.14	92	0.17	1	U	1
104.30	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	103	0.16	0.31	0.10	53	0.17	1	U	1
114.30	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	99	0.07	0.15	0.10	239	0.12	1	U	1
124.30	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	107	0.05	0.08	0.09	104	0.09	1	U	1
134.30	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	94	0.05	0.10	0.09	90	0.07	1	U	1
144.30	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	98	0.05	0.06	0.04	93	0.04	1	U	1
154.30	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	114	0.04	0.07	0.04	117	0.02	1	U	1
164.30	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	104	0.04	0.10	0.04	301	0.03	1	U	1
174.30	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	116	0.04	0.05	0.02	374	0.04	1	U	1
184.30	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	110	0.04	0.09	0.08	398	0.04	1	U	1
194.30	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	100	0.09	0.13	0.05	389	0.09	1	U	1
204.20	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	120	0.03	0.03	0.04	424	0.04	1	U	1
214.20	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	110	0.03	0.08	0.06	507	0.06	1	U	1
224.20	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	106	0.04	0.16	0.10	481	0.00	1	U	1
234.20	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	116	0.03	0.07	0.04	523	0.00	1	U	1
244.20	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	106	ND	0.05	0.05	526	ND	1	U	1
254.20	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	106	0.10	0.59	0.26	437	0.09	1	U	1
264.20	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	107	0.03	0.04	ND	14	ND	1	U	1
274.20	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	111	0.03	0.38	0.49	8	ND	1	U	1
285.80	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	110	ND	0.06	0.17	11	ND	1	U	1
294.20	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	104	0.07	0.07	ND	11	ND	1	U	1
304.20	1	UJ	1	1	UJ	1	1	UJ	1	1	UJ	1	1	UJ	1	107	0.20	5.90	0.3	43	0.00	1	U	1
316.40	1	UJ	1	1	UJ	1	1	UJ	1	1	UJ	1	1	UJ	1	91	0.05	0.17	0.31	105	0.07	1	U	1
324.05	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	108	0.15	0.29	0.26	18	0.13	1	U	1
334.05	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	101	0.14	0.51	0.37	8	0	1	U	1
350.20	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	102	0.05	0.15	0.03	6	ND	1	U	1
359.30	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	101	0.04	0.08	0.15	7	ND	1	U	1
371.60	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	114	0.14	0.35	0.28	7	0.04	1	U	1
378.20	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	106	0.03	0.10	0.07	6	ND	1	U	1
391.50	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	103	0.04	0.18	0.03	6	ND	1	U	1

	VOC DATA, ug/L																																							
	1,1-Dichloroethene			Freon 123			1,1-Dichloroethane			1,1,1-Trichloroethane			Benzene			1,2-Dichlorothane			Toluene			Chlorobenzene			Ethylbenzene			m,p-Xylene			o-Xylene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			1,2-Dichlorobenzene			%SS
Depth	Value	Q	DF	Value	Q	DF	Value	Q	DF	Value	Q	DF	Value	Q	DF	Value	Q	DF	Value	Q	DF	Value	Q	DF	Value	Q	DF	Value	Q	DF	Value	Q	DF	Value	Q	DF	Value	Q	DF	Value	Q	DF	
74.30	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	95
84.30	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	102
94.30	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	95
104.30	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	103
114.30	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	99
124.30	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	107
134.30	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	94
144.30	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	98
154.30	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	114
164.30	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	104
174.30	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	116
184.30	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	110
194.30	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	100
204.20	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	120
214.20	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	110
224.20	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	106
234.20	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	116
244.20	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	106
254.20	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	106
264.20	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	107
274.20	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	111
285.80	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	110
294.20	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	104
304.20	1	UJ	1	1	UJ	1	1	UJ	1	1	UJ	1	1	UJ	1	1	UJ	1	1	UJ	1	1	UJ	1	1	UJ	1	2	UJ	1	1	UJ	1	1	UJ	1	1	UJ	1	1	UJ	1	107
316.40	1	UJ	1	1	UJ	1	1	UJ	1	1	UJ	1	1	UJ	1	1	UJ	1	1	UJ	1	1	UJ	1	1	UJ	1	2	UJ	1	1	UJ	1	1	UJ	1	1	UJ	1	1	UJ	1	91
324.05	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	108
334.05	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	101
350.20	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	102
359.30	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	101
371.60	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	114
378.20	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	106
391.50	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	103

nples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb

S = Surrogate Recovery

Undetected below the specified reporting limit.

Estimated value.

Estimated value.

= The analyte was not detected above the specified reporting limit. However, the reporting limit is approximate and may or may not represent the actual limit of quantitation necessary to accurately and precisely measure the analyte in the sample.

=Laboratory Dilution Factor

DRAFT

STONE ENVIRONMENTAL INC

bile Laboratory Results Sheet

;nt:	GTEOSI
ation:	Hicksville, NY
ject ID:	Groundwater Profiling
#:	03-1402
e Sampled:	5/02 - 5/02/05
e Analyzed:	5/02 - 5/02/05
ort Date:	5/19/2005

HOLE ID =P108

VOC DATA, ug/L

Depth	Vinyl Chloride Value	Q	DF	t-Dichloroethene Value	Q	DF	c-Dichloroethene Value	Q	DF	Trichloroethene Value	Q	DF	Tetrachloroethene Value	Q	DF	% SS
74.15	20	U	1	20	U	1	**360**		1	**670**		4	**32000**		240	107
84.15	20	U	1	20	U	1	**69**		1	**250**		1	**20000**		192	106
94.15	20	U	1	20	U	1	20	U	1	20	U	1	**6100**		24	93
104.15	1	U	1	1	U	1	**1**		1	**5**		1	**160**		1	96
114.15	1	U	1	1	U	1	1	U	1	1	U	1	**29**		1	77
124.15	1	U	1	1	U	1	1	U	1	**1**		1	**23**		3	78
134.15	1	U	1	1	U	1	1	U	1	1	U	1	**15**		1	110
144.15	1	U	1	1	U	1	1	U	1	1	U	1	**28**		1	111
154.15	1	U	1	1	U	1	1	U	1	1	U	1	**18**		1	110
164.15	1	U	1	1	U	1	1	U	1	1	U	1	**14**		1	107
174.15	1	U	1	1	U	1	1	U	1	1	U	1	**17**		1	91
184.15	1	U	1	1	U	1	1	U	1	1	U	1	**8**		1	91
192.80	1	U	1	1	U	1	1	U	1	1	U	1	**8**		1	103
204.60	1	U	1	1	U	1	1	U	1	1	U	1	**1**		1	100
214.60	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	110
224.60	1	U	1	1	U	1	1	U	1	1	U	1	**7**		1	119
234.60	1	U	1	1	U	1	1	U	1	1	U	1	**1**		1	99
244.60	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	105
254.60	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	114
264.60	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	114
293.40	1	U	1	1	U	1	1	U	1	1	U	1	**1**		1	119
324.35	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	116
334.35	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	103
347.65	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	103
359.30	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	103
384.30	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	117
394.30	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	108

INORGANIC DATA, mg/L

Depth	Fe^{+2}	Fe, Total	Ammonia	Chloride	Chlorine, Total
74.15	0.04	0.07	0.07	21.5	0.05
84.15	0.07	0.16	0.09	26.6	nd
94.15	nd	0.07	0.14	16.3	0.10
104.15	0.06	0.21	0.47	26.6	0.06
114.15	0.32	0.87	0.69	94.0	0.33
124.15	0.07	0.15	0.16	183	0.03
134.15	nd	0.03	nd	43.1	nd
144.15	0.05	0.08	0.07	37.5	0.03
154.15	0.19	0.82	0.57	123	0.23
164.15	0.06	0.14	0.16	275	0.05
174.15	nd	0.07	0.03	118	nd
184.15	nd	0.03	nd	94.2	0.03
192.80	nd	0.03	nd	101	nd
204.60	0.09	0.19	0.07	85.3	0.05
214.60	0.05	0.08	0.06	160	nd
224.60	0.12	0.23	0.05	201	0.04
234.60	nd	0.04	0.05	370	0.03
244.60	0.03	0.04	0.05	304	nd
254.60	0.03	0.05	0.06	327	nd
264.60	0.05	0.19	0.16	391	0.04
293.40	nd	nd	nd	489	nd
324.35	0.07	0.30	0.21	119	0.03
334.35	0.18	1.60	1.36	108	0.08
347.65	22.00	126.00	11	8.95	nd
359.30	8.20	313.00	0.11	9.41	0.51
384.30	0.08	0.17	0.06	7.19	0.03
394.30	0.26	0.68	0.49	5	0.12

COELUTING COMPOUNDS

Depth	Freon 113 / Freon 123A	Q	DF
74.15	20	U	1
84.15	20	U	1
94.15	20	U	1
104.15	1	U	1
114.15	1	U	1
124.15	1	U	1
134.15	1	U	1
144.15	1	U	1
154.15	1	U	1
164.15	1	U	1
174.15	1	U	1
184.15	1	U	1
192.80	1	U	1
204.60	1	U	1
214.60	1	U	1
224.60	1	U	1
234.60	1	U	1
244.60	1	U	1
254.60	1	U	1
264.60	1	U	1
293.40	1	U	1
324.35	1	U	1
334.35	1	U	1
347.65	1	U	1
359.30	1	U	1
384.30	1	U	1
394.30	1	U	1

VOC DATA, ug/L

Depth	1,1-Dichloroethene Value	Q	DF	Freon 123 Value	Q	DF	1,1-Dichloroethane Value	Q	DF	1,1,1-Trichloroethane Value	Q	DF	Benzene Value	Q	DF	1,2-Dichlorothane Value	Q	DF	Toluene Value	Q	DF
74.15	20	U	1	20	U	1	20	U	1	20	U	1	20	U	1	20	U	1	20	U	1
84.15	20	U	1	20	U	1	20	U	1	20	U	1	20	U	1	20	U	1	20	U	1
94.15	20	U	1	20	U	1	20	U	1	20	U	1	20	U	1	20	U	1	20	U	1
104.15	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
114.15	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
124.15	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
134.15	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
144.15	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
154.15	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
164.15	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
174.15	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
184.15	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
192.80	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
204.60	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
214.60	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
224.60	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
234.60	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
244.60	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
254.60	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
264.60	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
293.40	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
324.35	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
334.35	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
347.65	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
359.30	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
384.30	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
394.30	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1

Depth	Chlorobenzene Value	Q	DF	Ethylbenzene Value	Q	DF	m,p-Xylene Value	Q	DF	o-Xylene Value	Q	DF	1,3-Dichlorobenzene Value	Q	DF	1,4-Dichlorobenzene Value	Q	DF	1,2-Dichlorobenzene Value	Q	DF	%SS
74.15	20	U	1	20	U	1	40	U	1	20	U	1	20	U	1	20	U	1	20	U	1	107
84.15	20	U	1	20	U	1	40	U	1	20	U	1	20	U	1	20	U	1	20	U	1	106
94.15	20	U	1	20	U	1	40	U	1	20	U	1	20	U	1	20	U	1	1	U	1	93
104.15	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	96
114.15	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	77
124.15	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	78
134.15	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	110
144.15	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	111
154.15	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	110
164.15	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	107
174.15	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	91
184.15	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	91
192.80	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	103
204.60	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	100
214.60	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	110
224.60	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	119
234.60	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	99
244.60	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	105
254.60	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	114
264.60	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	114
293.40	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	119
324.35	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	116
334.35	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	103
347.65	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	103
359.30	1	U	1	1	U	1	2	U	1	1	U	1	**1**		1	1	U	1	1	U	1	103
384.30	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	117
394.30	1	U	1	1	U	1	2	U	1	1	U	1	1	U	1	1	U	1	1	U	1	108

ples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
= Surrogate Recovery
Jndetected below the specified reporting limit.
stimated value.
Value below detection limit.
Laboratory Dilution Factor

STONE ENVIRONMENTAL INC

DRAFT

Mobile Laboratory Results Sheet

Client: GTEOSI
Location: Hicksville, NY
Project ID: Groundwater Profiling
SEI #: 071867-R
Date Sampled: 6/14/2007-7/03/2007
Date Analyzed: 6/14/2007-7/03/2007
Report Date: 7/10/2007

HOLE ID = P-110

VOC DATA, ug/L

Depth	Vinyl Chloride Value	Q	DF	t-Dichloroethene Value	Q	DF	c-Dichloroethene Value	Q	DF	Trichloroethene Value	Q	DF	Tetrachloroethene Value	Q	DF	%SS
71.3	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	108
80.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	106
91.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	109
99.7	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	110
108.6	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	111
119.7	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	112
142.6	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	102
150.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	107
160.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	105
170.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	108
180.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	107
190.2	1	U	1	1	U	1	1		1	1	U	1	2		1	108
199.9	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	108
209.6	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	106
221.8	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	110
229.7	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	109
239.8	1	U	1	1	U	1	1	U	1	1		1	1	U	1	109
249.2	1	U	1	1	U	1	1	U	1	**2**		1	1	U	1	111
260.2	1	U	1	1	U	1	1	U	1	**4**		1	1	U	1	119
269.8	1	U	1	1	U	1	1	U	1	**13**		1	**1**		1	111
281.7	1	U	1	1	U	1	1	U	1	**24**		1	**1**		1	103
290.2	1	U	1	1	U	1	1	U	1	**20**		1	**1**		1	103
311.3	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	107
320.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	107
329.2	1	U	1	1	U	1	1	U	1	**12**		1	**2**		1	107
338.8	1	U	1	1	U	1	**4**		1	**120**		10	**6**		1	109
350.2	1	U	1	1	U	1	**19**		1	**400**		100	**26**		1	111
359.4	1	U	1	1	U	1	**6**		1	**160**		1	**22**		1	107
391.1	1	U	1	1	U	1	1	U	1	**80**		1	**51**		1	103
400.0	1	U	1	1	U	1	**3**		1	**220**		1	**62**		1	100
408.5	1	U	1	1	U	1	1	U	1	**100**		1	**80**		1	103
421.2	1	U	1	1	U	1	**3**		1	**13**		1	**350**		1	100
429.4	1	U	1	1	U	1	**4**		1	**21**		1	**486**		24	99
439.3	1	U	1	1	U	1	**13**		1	**28**		1	**2100**		48	101
452.2	1	U	1	1	U	1	**3**		1	**10**		1	**120**		1	102
460.2	1	U	1	1	U	1	**2**		1	**12**		1	**57**		1	107
470.1	1	U	1	1	U	1	**1**		1	**15**		1	**38**		1	100
481.7	1	U	1	1	U	1	1	U	1	**3**		1	**26**		1	105
489.5	1	U	1	1	U	1	1	U	1	**2**		1	**5**		1	101
499.5	1	U	1	1	U	1	1	U	1	**2**		1	**3**		1	105
513.4	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	105

INORGANIC DATA, mg/L

Depth	Fe^{++}	Fe, Total	Ammonia	Chloride	Chlorine, Total
71.3	0.22	0.48	0.13	26	0.05
80.2	0.24	0.34	0.09	24	ND
91.0	0.09	0.29	0.02	37	ND
99.7	0.07	0.30	0.02	36	ND
108.6	0.21	0.33	0.90	19	ND
119.7	0.41	0.94	1.30	33	0.05
142.6	0.43	0.54	0.11	29	0.10
150.2	0.40	0.42	0.08	35	ND
160.2	0.24	0.26	0.12	35	ND
170.2	0.13	0.81	0.12	24	0.04
180.2	0.24	0.64	0.19	28	0.28
190.2	0.32	0.56	0.28	28	0.06
199.9	0.36	0.71	0.20	40	0.07
209.6	0.62	1.20	0.40	42	0.19
221.8	0.51	1.25	ND	39	1.14
229.7	0.71	2.12	0.60	40	0.03
239.8	0.23	0.48	0.12	36	ND
249.2	0.43	0.61	0.21	36	0.03
260.2	0.55	0.82	0.22	22	0.07
269.8	0.27	0.54	0.17	20	0.04
281.7	0.26	0.39	0.15	20	ND
290.2	0.15	0.34	0.07	21	ND
311.3	0.28	0.63	0.22	20	0.04
320.2	0.43	0.74	0.31	27	0.11
329.2	0.32	0.45	0.32	18	0.08
338.8	0.19	0.43	0.20	18	0.12
350.2	0.15	0.21	0.15	17	0.03
359.4	0.14	0.35	0.21	20	0.05
391.1	0.04	0.04	0.07	13	ND
400.0	0.05	0.48	0.08	17	ND
408.5	ND	0.04	0.07	18	ND
421.2	0.03	0.08	0.03	23	ND
429.4	ND	0.04	0.03	16	ND
439.3	0.05	0.12	0.08	18	ND
452.2	ND	0.08	0.04	11	0.02
460.2	0.23	0.51	0.19	ND	0.32
470.1	ND	0.05	0.02	ND	ND
481.7	0.19	0.40	0.30	14	0.14
489.5	0.18	0.77	0.09	29	0.04
499.5	0.32	0.62	0.40	13	0.09
513.4	0.15	0.36	0.08	ND	0.20

Freons

Depth	Freon 113 Value	Q	DF	Freon 123 Value	Q	DF	Freon 123A Value	Q	DF
71.3	1	U	1	1	U	1	1	U	1
80.2	1	U	1	1	U	1	1	U	1
91.0	1	U	1	1	U	1	1	U	1
99.7	1	U	1	1	U	1	1	U	1
108.6	1	U	1	1	U	1	1	U	1
119.7	1	U	1	1	U	1	1	U	1
142.6	1	U	1	1	U	1	1	U	1
150.2	1	U	1	1	U	1	1	U	1
160.2	1	U	1	1	U	1	1	U	1
170.2	1	U	1	1	U	1	1	U	1
180.2	1	U	1	1	U	1	1	U	1
190.2	1	U	1	1	U	1	1	U	1
199.9	1	U	1	1	U	1	1	U	1
209.6	1	U	1	1	U	1	1	U	1
221.8	1	U	1	1	U	1	1	U	1
229.7	1	U	1	1	U	1	1	U	1
239.8	1	U	1	1	U	1	1	U	1
249.2	1	U	1	1	U	1	1	U	1
260.2	1	U	1	1	U	1	1	U	1
269.8	1	U	1	1	U	1	1	U	1
281.7	1	U	1	1	U	1	1	U	1
290.2	1	U	1	1	U	1	1	U	1
311.3	1	U	1	1	U	1	1	U	1
320.2	1	U	1	1	U	1	1	U	1
329.2	1	U	1	1	U	1	1	U	1
338.8	1	U	1	1	U	1	1	U	1
350.2	1	U	1	1	U	1	1	U	1
359.4	1	U	1	1	U	1	1	U	1
391.1	1	U	1	1	U	1	1	U	1
400.0	1	U	1	1	U	1	1	U	1
408.5	1	U	1	1	U	1	1	U	1
421.2	1	U	1	1	U	1	1	U	1
429.4	1	U	1	1	U	1	1	U	1
439.3	2		1	1	U	1	1	U	1
452.2	8		1	1	U	1	1	U	1
460.2	3		1	1	U	1	1	U	1
470.1	1	U	1	1	U	1	1	U	1
481.7	4		1	1	U	1	1	U	1
489.5	1	U	1	1	U	1	1	U	1
499.5	1	U	1	1	U	1	1	U	1
513.4	1	U	1	1	U	1	1	U	1

VOC DATA, ug/L

Depth	1,1-Dichloroethene Value	Q	DF	1,2-Dichloroethane Value	Q	DF	1,1,1-Trichloroethane Value	Q	DF	1,1,1,2-Tetrachloroethane Value	Q	DF	Carbon Tetrachloride Value	Q	DF	Benzene Value	Q	DF	1,2-Dichloropropane Value	Q	DF	Toluene Value	Q	DF	Chlorobenzene Value	Q	DF	Ethylbenzene Value	Q	DF	m,p-Xylene Value	Q	DF	o-Xylene Value	Q	DF	1,3-Dichlorobenzene Value	Q	DF	1,4-Dichlorobenzene Value	Q	DF	1,2-Dichlorobenzene Value	Q	DF	%SS
71.3	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	108
80.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	106
91.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	109
99.7	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	110
108.6	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	111
119.7	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	112
142.6	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	102
150.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	107
160.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	105
170.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	108
180.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	107
190.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	107
199.9	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	108
209.6	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	106
221.8	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	110
229.7	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	109
239.8	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	109
249.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	111
260.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	119
269.8	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	111
281.7	**1**		1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	103
290.2	**1**		1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	103
311.3	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	107
320.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	107
329.2	1	U	1	1	U	1	1	U	1	**2**		1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	107
338.8	**4**		1	1	U	1	**3**		1	1	U	1	**4**		1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	109
350.2	**11**		1	**2**		1	**7**		1	1	U	1	**8**		1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	111
359.4	**7**		1	1	U	1	**6**		1	1	U	1	**9**		1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	107
391.1	**17**		1	1	U	1	**11**		1	1	U	1	**18**		1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	103
400.0	**16**		1	1	U	1	**10**		1	1	U	1	**14**		1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	100
408.5	**32**		1	1	U	1	**24**		1	1	U	1	**31**		1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	103
421.2	1	U	1	1	U	1	1	U	1	1	U	1	**2**		1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	106
429.4	1	U	1	1	U	1	1	U	1	1	U	1	**4**		1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	99
439.3	1	U	1	1	U	1	1	U	1	**2**		1	**5**		1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	101
452.2	1	U	1	1	U	1	1	U	1	1	U	1	**2**		1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	102
460.2	1	U	1	1	U	1	1	U	1	1	U	1	**2**		1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	107
470.1	1	U	1	1	U	1	1	U	1	1	U	1	**2**		1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	100
481.7	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	105
489.5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	101
499.5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	105
513.4	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	105

Samples with >100 ppb total VOC's cannot be run on 4 carboxen fiber and will have detection limits of 20 ppb

%SS = Surrogate Recovery

U = Undetected below the specified reporting limit.

ND = Value below detection limit.

STONE ENVIRONMENTAL INC

DRAFT

Mobile Laboratory Results Sheet

Client:	GTEOSI
Location:	Hicksville, NY
Project ID:	Groundwater Profiling
SEI #:	071867-R
Date Sampled:	05/07/2007-05/20/2007
Date Analyzed:	05/07/2007-05/20/2007
Report Date:	5/25/2007

HOLE ID = P-112

VOC DATA, ug/L

Depth	Vinyl Chloride Value	Q	DF	t-Dichloroethene Value	Q	DF	c-Dichloroethene Value	Q	DF	Trichloroethene Value	Q	DF	Tetrachloroethene Value	Q	DF	% SS
75.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	104
85.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	103
95.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	98
105.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	100
115.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	99
125.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	101
135.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	99
142.8	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	100
151.3	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	94
161.6	1	U	1	1	U	1	1	U	1	**6**		1	**7**		1	97
170.2	1	U	1	1	U	1	1	U	1	**7**		1	**6**		1	100
179.6	1	U	1	1	U	1	1	U	1	**14**		1	**4**		1	100
190.2	1	U	1	1	U	1	1	U	1	**8**		1	**6**		1	100
232.2	1	U	1	1	U	1	1	U	1	**17**		1	**66**		1	101
240.2	1	U	1	1	U	1	**6**		1	**33**		1	**120**		1	105
250.2	1	U	1	1	U	1	1	U	1	**4**		1	**20**		1	102
258.4	1	U	1	1	U	1	1	U	1	**2**		1	**2**		1	100
300.3	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	98
305.1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	96
314.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	98
324.9	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	94
336.7	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	103
344.6	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	101
353.9	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	104
364.3	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	101
374.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	104
391.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	107
399.5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	102
409.8	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	103
426.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	102
427.1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	95
434.3	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	99

INORGANIC DATA, mg/L

Depth	Fe^{++}	Fe, Total	Ammonia	Chloride	Chlorine, Total
75.2	NA	NA	NA	NA	NA
85.2	0.08	0.42	0.11	52	0.05
95.2	ND	0.37	ND	40	0.02
105.2	ND	0.28	ND	37	ND
115.2	0.03	0.17	ND	51	0.13
125.2	0.17	0.61	0.19	50	0.09
135.2	0.07	0.31	0.20	37	0.07
142.8	0.03	0.32	0.03	29	0.03
151.3	0.08	0.41	0.12	25	0.04
161.6	0.33	0.44	ND	150	0.04
170.2	0.71	1.47	0.20	103	0.37
179.6	0.34	0.60	0.16	64	0.09
190.2	0.23	0.35	ND	66	ND
232.2	0.05	0.18	0.07	23	0.05
240.2	0.04	0.11	ND	20	0.04
250.2	0.04	0.18	ND	44	ND
258.4	ND	0.21	0.04	42	ND
300.3	NA	NA	NA	NA	NA
305.1	ND	0.11	0.06	ND	ND
314.2	0.10	0.23	0.13	97	ND
324.9	0.05	0.20	0.11	173	0.09
336.7	0.05	0.14	0.05	171	ND
344.6	0.06	0.22	0.08	238	0.07
353.9	ND	0.16	0.03	212	0.03
364.3	0.16	0.26	0.22	227	0.08
374.2	NA	NA	NA	NA	NA
391.0	0.04	0.12	ND	361	ND
399.5	0.10	0.24	0.10	317	0.04
409.8	0.29	0.63	0.52	254	ND
426.0	NA	NA	NA	NA	NA
427.1	NA	NA	NA	NA	NA
434.3	0.24	0.56	0.05	137	ND

Freons, ug/L

Depth	Freon 113 Value	Q	DF	Freon 123 Value	Q	DF	Freon 123A Value	Q	DF
75.2	1	U	1	1	U	1	1	U	1
85.2	1	U	1	1	U	1	1	U	1
95.2	1	U	1	1	U	1	1	U	1
105.2	1	U	1	1	U	1	1	U	1
115.2	1	U	1	1	U	1	1	U	1
125.2	1	U	1	1	U	1	1	U	1
135.2	1	U	1	1	U	1	1	U	1
142.8	1	U	1	1	U	1	1	U	1
151.3	1	U	1	1	U	1	1	U	1
161.6	1	U	1	1	U	1	1	U	1
170.2	1	U	1	1	U	1	1	U	1
179.6	1	U	1	1	U	1	1	U	1
190.2	1	U	1	1	U	1	1	U	1
232.2	1	U	1	1	U	1	1	U	1
240.2	1	U	1	1	U	1	1	U	1
250.2	1	U	1	1	U	1	1	U	1
258.4	1	U	1	1	U	1	1	U	1
300.3	1	U	1	1	U	1	1	U	1
305.1	1	U	1	1	U	1	1	U	1
314.2	1	U	1	1	U	1	1	U	1
324.9	1	U	1	1	U	1	1	U	1
336.7	1	U	1	1	U	1	1	U	1
344.6	1	U	1	1	U	1	1	U	1
353.9	1	U	1	1	U	1	1	U	1
364.3	1	U	1	1	U	1	1	U	1
374.2	1	U	1	1	U	1	1	U	1
391.0	1	U	1	1	U	1	1	U	1
399.5	1	U	1	1	U	1	1	U	1
409.8	1	U	1	1	U	1	1	U	1
426.0	1	U	1	1	U	1	1	U	1
427.1	1	U	1	1	U	1	1	U	1
434.3	1	U	1	1	U	1	1	U	1

VOC DATA, ug/L

Depth	1,1-Dichloroethene Value	Q	DF	1,1-Dichloroethane Value	Q	DF	1,1,1-Trichloroethane Value	Q	DF	1,1,1,2-Tetrachloroethane Value	Q	DF	Carbon Tetrachloride Value	Q	DF	Benzene Value	Q	DF	1,2-Dichlorothane Value	Q	DF
75.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
85.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
95.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
105.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
115.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
125.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
135.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
142.8	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
151.3	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
161.6	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
170.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
179.6	1	U	1	1	U	1	**1**		1	1	U	1	1	U	1	1	U	1	1	U	1
190.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
232.2	**2**		1	1	U	1	**2**		1	1	U	1	**2**		1	1	U	1	1	U	1
240.2	1	U	1	1	U	1	1	U	1	1	U	1	**1**		1	1	U	1	1	U	1
250.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
258.4	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
300.3	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
305.1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
314.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
324.9	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
336.7	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
344.6	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
353.9	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
364.3	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
374.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
391.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
399.5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
409.8	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
426.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
427.1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
434.3	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1

Depth	Toluene Value	Q	DF	Chlorobenzene Value	Q	DF	Ethylbenzene Value	Q	DF	m,p-Xylene Value	Q	DF	o-Xylene Value	Q	DF	1,3-Dichlorobenzene Value	Q	DF	1,4-Dichlorobenzene Value	Q	DF	1,2-Dichlorobenzene Value	Q	DF	%SS
75.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	104
85.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	103
95.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	98
105.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	100
115.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	99
125.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	101
135.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	99
142.8	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	100
151.3	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	94
161.6	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	97
170.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	100
179.6	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	100
190.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	100
232.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	101
240.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	105
250.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	102
258.4	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	100
300.3	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	98
305.1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	96
314.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	98
324.9	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	94
336.7	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	103
344.6	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	101
353.9	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	104
364.3	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	101
374.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	104
391.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	107
399.5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	102
409.8	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	103
426.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	102
427.1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	95
434.3	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	99

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb

%SS = Surrogate Recovery

U = Undetected below the specified reporting limit.

ND = Value below detection limit.

NA = Not Analyzed.

R2-0012099

STONE ENVIRONMENTAL INC

DRAFT

bile Laboratory Results Sheet

nt:	GTEOSI
ition:	Hicksville, NY
ect ID:	Groundwater Profiling
t:	071867-R
Sampled:	05/29/2007-06/07/2007
Analyzed:	05/29/2007-06/07/2007
rt Date:	7/11/2007

IOLE ID = P-113

VOC DATA, ug/L

Depth	Vinyl Chloride Value	Q	DF	t-Dichloroethene Value	Q	DF	c-Dichloroethene Value	Q	DF	Trichloroethene Value	Q	DF	Tetrachloroethene Value	Q	DF	% SS
74.6	1	U	1	1	U	1	1	U	1	1	U	1	6		1	100
84.9	1	U	1	1	U	1	1	U	1	1	U	1	2		1	82
94.7	1	U	1	1	U	1	1	U	1	1	U	1	2		1	101
104.6	1	U	1	1	U	1	1	U	1	2		1	2		1	97
121.6	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	107
129.9	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	104
139.9	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	106
149.9	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	99
159.9	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	100
168.4	1	U	1	1	U	1	2		1	12		1	2		1	101
179.5	1	U	1	1	U	1	14		1	180		10	10		1	105
187.9	1	U	1	1	U	1	1	U	1	6		1	1	U	1	99
199.2	1	U	1	1	U	1	1	U	1	6		1	1	U	1	99
209.3	1	U	1	1	U	1	1	U	1	4		1	1	U	1	100
219.9	1	U	1	1	U	1	1	U	1	6		1	1	U	1	100
229.9	1	U	1	1	U	1	1	U	1	6		1	1	U	1	95
239.4	1	U	1	1	U	1	1	U	1	2		1	1	U	1	108
249.9	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	110
261.4	1	U	1	1	U	1	1	U	1	1		1	1	U	1	104
269.7	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	104
281.4	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	103
339.5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	108
349.9	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	111
366.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	109
379.9	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	95

INORGANIC DATA, mg/L

Fe^{+2}	Fe, Total	Ammonia	Chloride	Chlorine, Total
NA	NA	NA	NA	NA
0.33	1.96	0.57	ND	0.17
0.32	0.51	0.42	ND	0.12
0.17	1.23	0.36	12	0.06
0.11	0.23	0.14	11	ND
0.34	0.55	0.12	22	ND
0.36	0.44	0.20	30	ND
0.29	0.37	0.14	29	0.02
0.29	0.34	0.09	35	ND
0.61	2.12	0.21	36	0.23
0.35	0.47	0.12	40	ND
0.14	0.90	0.26	67	0.07
0.22	0.46	0.24	48	0.02
ND	0.19	0.07	60	ND
0.49	0.81	0.35	31	0.04
0.09	0.23	0.08	28	ND
ND	0.15	0.03	95	0.03
0.25	0.30	0.05	231	ND
0.04	0.17	0.06	35	0.04
0.05	0.23	0.07	18	0.02
0.03	0.10	0.04	11	ND
ND	0.42	0.06	75	0.04
0.15	2.71	0.53	269	0.11
0.05	0.12	0.06	208	ND
ND	0.18	0.05	285	0.12

Freons

Freon 113 Value	Q	DF	Freon 123 Value	Q	DF	Freon 123A Value	Q	DF
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1

VOC DATA, ug/L

Depth	1,1-Dichloroethene Value	Q	DF	1,1-Dichloroethane Value	Q	DF	1,1,1-Trichloroethane Value	Q	DF	1,1,1,2-Tetrachloroethane Value	Q	DF	Carbon Tetrachloride Value	Q	DF	Benzene Value	Q	DF	1,2-Dichlorothane Value	Q	DF
74.6	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
84.9	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
94.7	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
104.6	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
121.6	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
129.9	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
139.9	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
149.9	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
159.9	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
168.4	1	U	1	3		1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
179.5	4		1	2		1	1		1	1	U	1	1	U	1	1	U	1	1	U	1
187.9	1	U	1	4		1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
199.2	1	U	1	6		1	1		1	1	U	1	1	U	1	1	U	1	1	U	1
209.3	1	U	1	5		1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
219.9	1	U	1	13		1	1		1	1	U	1	1	U	1	1	U	1	1	U	1
229.9	2		1	21		1	2		1	1	U	1	1	U	1	1	U	1	1	U	1
239.4	2		1	1		1	2		1	1	U	1	1	U	1	1	U	1	1	U	1
249.9	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
261.4	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
269.7	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
281.4	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
339.5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
349.9	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
366.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
379.9	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1

Depth	Toluene Value	Q	DF	Chlorobenzene Value	Q	DF	Ethylbenzene Value	Q	DF	m,p-Xylene Value	Q	DF	o-Xylene Value	Q	DF	1,3-Dichlorobenzene Value	Q	DF	1,4-Dichlorobenzene Value	Q	DF	1,2-Dichlorobenzene Value	Q	DF	%SS
74.6	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	100
84.9	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	82
94.7	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	101
104.6	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	97
121.6	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	107
129.9	1	U	1	2		1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	104
139.9	1	U	1	2		1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	106
149.9	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	99
159.9	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	100
168.4	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	101
179.5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	105
187.9	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	99
199.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	99
209.3	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	100
219.9	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	100
229.9	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	95
239.4	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	108
249.9	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	110
261.4	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	104
269.7	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	104
281.4	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	103
339.5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	108
349.9	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	111
366.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	109
379.9	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	95

es with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb

Surrogate Recovery

ndetected below the specified reporting limit.

'alue below detection limit.

lot Analyzed.

STONE ENVIRONMENTAL INC

DRAFT

bile Laboratory Results Sheet

nt:	GTEOSI
ation:	Hicksville, NY
ect ID:	Groundwater Profiling
#:	071867-R
Sampled:	7/11/2007-7/28/2007
Analyzed:	7/11/2007-7/28/2007
ort Date:	8/9/2007

OLE ID = P-114

VOC DATA, ug/L

Depth	Vinyl Chloride Value	Q	DF	t-Dichloroethene Value	Q	DF	c-Dichloroethene Value	Q	DF	Trichloroethene Value	Q	DF	Tetrachloroethene Value	Q	DF	% SS
74.10	1	U	1	1	U	1	2		1	10		1	1	U	1	107
84.75	1	U	1	1	U	1	1	U	1	2		1	1	U	1	109
94.75	1	U	1	1	U	1	1	U	1	3		1	1	U	1	114
104.75	1	U	1	1	U	1	1	U	1	6		1	1	U	1	106
114.55	1	U	1	1	U	1	9		1	32		1	12		1	104
124.75	1	U	1	1	U	1	17		1	110		1	15		1	103
134.75	1	U	1	1	U	1	78		1	380		1	35		1	112
143.80	1	U	1	1	U	1	78		1	400		1	26		1	119
161.50	5		1	1	U	1	140		1	970		5	22		1	100
169.70	9		1	1	U	1	110		5	630		5	18		1	109
179.10	10		1	1	U	1	240		1	850		5	14		1	105
193.80	14		1	1	U	1	220		4	690		4	6		1	105
203.85	7		1	1	U	1	110		24	710		24	24		1	99
213.80	1	U	1	1	U	1	29		1	400		1	16		1	104
222.80	1	U	1	1	U	1	20		1	310		1	21		1	100
234.00	1	U	1	1	U	1	13		1	230		1	13		1	101
244.40	1	U	1	1	U	1	11		1	84		1	7		1	103
271.90	1	U	1	1	U	1	19		1	150		1	8		1	105
280.00	1	U	1	1	U	1	21		1	140		1	10		1	108
289.80	1	U	1	1	U	1	22		1	77		1	4		1	107
298.25	1	U	1	1	U	1	22		1	98		1	4		1	108
309.80	1	U	1	1	U	1	5		1	25		1	2		1	111
319.80	1	U	1	1	U	1	1	U	1	4		1	1	U	1	98
329.00	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	110
340.15	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	96
348.15	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	108
359.80	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	107
368.10	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	109
456.38	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	107
464.90	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	105
473.41	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	109
484.10	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	110
494.40	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	96
504.90	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	108
513.30	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	105
523.90	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	104

INORGANIC DATA, mg/L

Depth	Fe^{++}	Fe, Total	Ammonia	Chloride	Chlorine, Total
74.10	0.44	0.58	0.06	94	ND
84.75	0.22	0.38	0.13	79	0.07
94.75	0.13	0.18	0.04	57	ND
104.75	0.18	0.33	0.05	45	ND
114.55	0.36	0.45	0.24	36	ND
124.75	0.27	0.36	0.08	38	ND
134.75	0.43	0.45	0.14	46	ND
143.80	0.78	0.78	0.05	45	ND
161.50	0.68	0.81	0.13	58	0.02
169.70	0.40	0.49	0.08	44	ND
179.10	0.41	0.52	0.42	53	ND
193.80	0.61	0.72	0.12	52	ND
203.85	0.33	1.30	0.25	52	0.04
213.80	0.64	0.66	0.05	49	ND
222.80	0.20	0.27	0.08	52	0.15
234.00	0.35	0.38	0.04	50	ND
244.40	0.42	0.47	0.06	60	ND
271.90	0.51	0.53	0.02	46	0.04
280.00	0.51	0.67	ND	40	ND
289.80	0.52	0.62	0.05	38	ND
298.25	0.58	0.60	ND	41	ND
309.80	0.39	0.34	ND	32	0.05
319.80	0.22	0.29	0.08	11	0.03
329.00	ND	0.03	ND	ND	ND
340.15	NA	NA	NA	NA	NA
348.15	0.16	0.32	0.06	40	0.02
359.80	0.34	2.60	0.36	58	0.25
368.10	0.24	0.36	0.10	33	ND
456.38	0.14	0.16	0.03	316	ND
464.90	0.04	0.15	0.06	349	ND
473.41	0.06	0.17	0.07	233	0.02
484.10	0.04	0.08	0.05	35	0.05
494.40	0.03	0.09	0.07	37	0.04
504.90	0.11	0.21	0.13	29	0.09
513.30	0.20	1.98	0.31	13	0.20
523.90	0.05	0.06	0.04	ND	0.02

Freons

Depth	Freon 113 Value	Q	DF	Freon 123 Value	Q	DF	Freon 123A Value	Q	DF
74.10	2		1	1	U	1	1	U	1
84.75	1		1	1	U	1	1	U	1
94.75	1	U	1	1	U	1	1	U	1
104.75	1	U	1	1	U	1	1	U	1
114.55	10		1	1	U	1	1	U	1
124.75	2		1	1	U	1	1	U	1
134.75	4		1	1	U	1	1	U	1
143.80	4		1	1	U	1	1	U	1
161.50	1	U	1	1	U	1	1	U	1
169.70	1	U	1	1	U	1	1	U	1
179.10	1	U	1	1	U	1	1	U	1
193.80	1	U	1	1	U	1	1	U	1
203.85	1	U	1	1	U	1	1	U	1
213.80	1	U	1	1	U	1	1	U	1
222.80	1		1	1	U	1	1	U	1
234.00	1	U	1	1	U	1	1	U	1
244.40	1	U	1	1	U	1	1	U	1
271.90	1	U	1	1	U	1	1	U	1
280.00	1	U	1	1	U	1	1	U	1
289.80	1	U	1	1	U	1	1	U	1
298.25	1	U	1	1	U	1	1	U	1
309.80	1	U	1	1	U	1	1	U	1
319.80	1	U	1	1	U	1	1	U	1
329.00	1	U	1	1	U	1	1	U	1
340.15	1	U	1	1	U	1	1	U	1
348.15	1	U	1	1	U	1	1	U	1
359.80	1	U	1	1	U	1	1	U	1
368.10	1	U	1	1	U	1	1	U	1
456.38	1	U	1	1	U	1	1	U	1
464.90	1	U	1	1	U	1	1	U	1
473.41	1	U	1	1	U	1	1	U	1
484.10	1	U	1	1	U	1	1	U	1
494.40	1	U	1	1	U	1	1	U	1
504.90	1	U	1	1	U	1	1	U	1
513.30	1	U	1	1	U	1	1	U	1
523.90	1	U	1	1	U	1	1	U	1

VOC DATA, ug/L

Depth	1,1-Dichloroethene Value	Q	DF	1,1-Dichloroethane Value	Q	DF	1,1,1-Trichloroethane Value	Q	DF	1,1,1,2-Tetrachloroethane Value	Q	DF	Carbon Tetrachloride Value	Q	DF
74.10	1	U	1	1	U	1	9		1	1	U	1	1	U	1
84.75	1	U	1	1	U	1	6		1	1	U	1	1	U	1
94.75	1	U	1	1	U	1	3		1	1	U	1	1	U	1
104.75	1	U	1	1	U	1	3		1	1	U	1	1	U	1
114.55	2		1	3		1	2		1	1	U	1	1	U	1
124.75	1		1	3		1	1	U	1	1	U	1	1	U	1
134.75	3		1	3		1	1		1	1	U	1	1	U	1
143.80	3		1	4		1	1	U	1	1	U	1	1	U	1
161.50	3		1	4		1	1	U	1	1	U	1	1	U	1
169.70	3		1	6		1	1		1	1	U	1	1	U	1
179.10	3		1	5		1	1	U	1	1	U	1	1	U	1
193.80	4		1	11		1	1		1	1	U	1	1	U	1
203.85	3		1	7		1	1	U	1	1	U	1	1	U	1
213.80	2		1	7		1	1	U	1	1	U	1	1	U	1
222.80	3		1	3		1	1	U	1	1	U	1	1	U	1
234.00	2		1	2		1	1	U	1	1	U	1	1	U	1
244.40	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
271.90	3		1	17		1	2		1	1	U	1	1	U	1
280.00	10		1	20		1	8		1	1	U	1	1	U	1
289.80	9		1	24		1	7		1	1	U	1	1	U	1
298.25	10		1	25		1	8		1	1	U	1	1	U	1
309.80	1	U	1	3		1	1	U	1	1	U	1	1	U	1
319.80	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
329.00	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
340.15	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
348.15	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
359.80	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
368.10	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
456.38	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
464.90	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
473.41	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
484.10	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
494.40	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
504.90	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
513.30	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
523.90	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1

Depth	Benzene Value	Q	DF	1,2-Dichloroethane Value	Q	DF	Toluene Value	Q	DF	Chlorobenzene Value	Q	DF	Ethylbenzene Value	Q	DF
74.10	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
84.75	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
94.75	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
104.75	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
114.55	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
124.75	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
134.75	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
143.80	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
161.50	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
169.70	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
179.10	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
193.80	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
203.85	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
213.80	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
222.80	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
234.00	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
244.40	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
271.90	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
280.00	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
289.80	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
298.25	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
309.80	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
319.80	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
329.00	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
340.15	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
348.15	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
359.80	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
368.10	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
456.38	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
464.90	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
473.41	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
484.10	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
494.40	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
504.90	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
513.30	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
523.90	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1

Depth	m,p-Xylene Value	Q	DF	o-Xylene Value	Q	DF	1,3-Dichlorobenzene Value	Q	DF	1,4-Dichlorobenzene Value	Q	DF	1,2-Dichlorobenzene Value	Q	DF	%SS
74.10	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	107
84.75	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	109
94.75	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	114
104.75	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	106
114.55	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	104
124.75	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	103
134.75	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	112
143.80	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	119
161.50	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	100
169.70	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	109
179.10	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	105
193.80	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	105
203.85	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	99
213.80	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	104
222.80	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	100
234.00	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	101
244.40	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	103
271.90	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	105
280.00	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	108
289.80	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	107
298.25	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	108
309.80	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	111
319.80	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	98
329.00	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	110
340.15	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	96
348.15	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	108
359.80	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	107
368.10	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	109
456.38	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	107
464.90	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	105
473.41	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	109
484.10	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	110
494.40	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	96
504.90	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	108
513.30	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	105
523.90	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	104

s with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb

Surrogate Recovery

detected below the specified reporting limit.

lue below detection limit.

ot Analyzed.

STONE ENVIRONMENTAL INC

DRAFT

Mobile Laboratory Results Sheet

Client:	GTEOSI
Location:	Hicksville, NY
Date Sampled:	10/16/2007-11/16/2007
Date Analyzed:	10/16/2007-11/16/2007

HOLE ID = P-118

VOC DATA, ug/L

Depth	Vinyl Chloride Value	Q	DF	t-Dichloroethene Value	Q	DF	c-Dichloroethene Value	Q	DF	Trichloroethene Value	Q	DF	Tetrachloroethene Value	Q	DF	% SS
75.00	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	100
85.00	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	123
98.00	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	122
105.00	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	116
114.85	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	125
125.00	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	129
135.00	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	113
157.85	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	115
165.00	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	111
175.00	1	U	1	1	U	1	2		1	42		1	1		1	108
185.00	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	111
195.00	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	115
204.15	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	121
215.00	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	115
223.80	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	105
233.38	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	113
241.50	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	115
252.15	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	108
259.60	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	120
286.50	1	U	1	1	U	1	1	U	1	1	U	1	7		1	113
294.35	1	U	1	1	U	1	1	U	1	4		1	2		1	111
322.45	1	U	1	1	U	1	1	U	1	1	U	1	1		1	112
331.10	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	114
340.00	1	U	1	1	U	1	1	U	1	1	U	1	1		1	118
350.00	1	U	1	1	U	1	1	U	1	1	U	1	1		1	109
361.55	1	U	1	1	U	1	1		1	1	U	1	5		1	109
370.00	1	U	1	1	U	1	1	U	1	3		1	4		1	102
380.00	1	U	1	1	U	1	1	U	1	2		1	1		1	110
389.85	1	U	1	1	U	1	1	U	1	21		1	4		1	116
401.50	1	U	1	1	U	1	1	U	1	22		1	4		1	101
409.55	1	U	1	1	U	1	1	U	1	36		1	7		1	107
418.70	1	U	1	1	U	1	1	U	1	49		1	13		1	105
426.40	1	U	1	1	U	1	2		1	150		1	59		1	106
441.70	1	U	1	1	U	1	1		1	120		1	48		1	110
450.00	1	U	1	1	U	1	10		1	620		24	130		1	104
458.70	1	U	1	1	U	1	1		1	180		1	99		1	104
491.60	1	U	1	1	U	1	1	U	1	160		1	120		1	105
501.00	1	U	1	1	U	1	1		1	220		1	170		1	111
511.50	1	U	1	1	U	1	1		1	220		1	280		1	112
519.10	1	U	1	1	U	1	3		1	370		1	310		1	113
531.50	1	U	1	1	U	1	2		1	230		1	280		1	109
537.40	1	U	1	1	U	1	1	U	1	57		1	64		1	112
550.10	1	U	1	1	U	1	1	U	1	100		10	140		10	112
570.85	1	U	1	1	U	1	1	U	1	92		1	110		1	110
580.70	1	U	1	1	U	1	1	U	1	29		1	41		1	125

INORGANIC DATA, mg/L

Fe^{+2}	Fe, Total	Ammonia	Chloride	Chlorine, Total
0.26	0.56	0.15	56	0.08
0.21	0.61	0.17	44	ND
0.34	0.52	0.15	50	0.04
0.39	0.55	0.11	58	0.06
0.14	0.20	0.04	43	0.02
0.17	0.23	0.08	36	0.08
0.24	0.43	0.06	60	0.08
0.09	0.18	0.05	46	ND
0.21	0.58	0.15	42	0.13
0.17	0.36	0.07	31	ND
0.11	0.16	0.06	28	ND
0.45	0.54	0.11	29	ND
1.15	9.40	1.20	33	0.57
0.18	0.67	0.26	40	0.60
0.33	0.43	0.09	52	0.04
0.36	0.38	0.12	57	0.04
0.15	0.33	0.11	64	0.04
0.51	0.76	0.23	60	0.15
0.74	0.78	0.08	52	ND
0.15	0.22	0.07	39	0.05
2.00	2.07	0.14	32	ND
0.83	1.98	0.37	37	0.04
0.25	0.29	0.04	38	ND
0.35	0.35	0.02	45	ND
0.54	0.58	0.04	33	ND
0.14	0.16	0.09	45	ND
0.29	0.32	0.13	55	ND
0.23	0.25	0.15	50	ND
0.16	0.16	0.12	56	0.07
0.66	0.39	0.18	41	0.12
0.33	0.54	0.21	33	0.14
0.59	0.93	0.58	25	0.12
0.78	0.81	0.08	29	ND
ND	0.04	0.04	34	ND
0.20	0.23	2.00	80	ND
0.61	0.61	0.12	69	0.11
0.12	0.18	0.08	43	0.02
0.42	0.48	0.13	62	ND
0.04	0.05	0.04	49	ND
0.32	0.37	0.09	42	ND
0.06	0.10	0.09	47	0.05
0.09	0.31	0.17	25	ND
0.36	0.54	0.14	23	ND
0.67	2.03	0.21	20	0.15
0.04	0.23	0.07	16	0.15

Freons

Freon 113 Value	Q	DF	Freon 123 Value	Q	DF	Freon 123A Value	Q	DF
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
3		1	1	U	1	1	U	1
1		1	1	U	1	1	U	1
11		1	1	U	1	1	U	1
1		1	1	U	1	1	U	1
1		1	1	U	1	1	U	1
2		1	1	U	1	1	U	1
1		1	1	U	1	1	U	1
5		1	1	U	1	1	U	1
2		1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1		1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1

VOC DATA, ug/L

Depth	1,1-Dichloroethene Value	Q	DF	1,1-Dichloroethane Value	Q	DF	1,1,1-Trichloroethane Value	Q	DF	1,1,2-Tetrachloroethan Value	Q	DF	Carbon Tetrachloride Value	Q	DF	Benzene Value	Q	DF	1,2-Dichlorothane Value	Q	DF
75.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
85.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
98.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
105.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
114.9	1	U	1	1	U	1	1		1	1	U	1	1	U	1	1	U	1	1	U	1
125.0	1	U	1	1	U	1	1		1	1	U	1	1	U	1	1	U	1	1	U	1
135.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
157.9	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
165.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
175.0	1	U	1	2		1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
185.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
195.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
204.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
215.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
223.8	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
233.4	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
241.5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
252.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
259.6	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
286.5	1	U	1	1		1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
294.4	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
322.5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
331.1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
340.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
350.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
361.6	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
370.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
380.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
389.9	1	U	1	1	U	1	1		1	1	U	1	2		1	1	U	1	1	U	1
401.5	3		1	1	U	1	2		1	1	U	1	5		1	1	U	1	1	U	1
409.6	3		1	1	U	1	2		1	1	U	1	5		1	1	U	1	1	U	1
418.7	3		1	1	U	1	3		1	1	U	1	6		1	1	U	1	1	U	1
426.4	26		1	1	U	1	17		1	1	U	1	36		1	1	U	1	1	U	1
441.7	17		1	1	U	1	14		1	1	U	1	27		1	1	U	1	1	U	1
450.0	40		1	1	U	1	27		1	1	U	1	92		24	1	U	1	1	U	1
458.7	33		1	1	U	1	20		1	1	U	1	69		1	1	U	1	1	U	1
491.6	35		1	1	U	1	23		1	1	U	1	38		1	1	U	1	1	U	1
501.0	28		1	1	U	1	22		1	1	U	1	35		1	1	U	1	1	U	1
511.5	42		1	1	U	1	32		1	1	U	1	40		1	1	U	1	1	U	1
519.1	22		1	1	U	1	18		1	1	U	1	32		1	1	U	1	1	U	1
531.5	37		1	1	U	1	24		1	1	U	1	38		1	1	U	1	1	U	1
537.4	9		1	1	U	1	7		1	1	U	1	9		1	1	U	1	1	U	1
550.1	10		1	1	U	1	7		1	1	U	1	11		1	1	U	1	1	U	1
570.9	10		1	1	U	1	7		1	1	U	1	10		1	1	U	1	1	U	1
580.7	4		1	1	U	1	3		1	1	U	1	4		1	1	U	1	1	U	1

Depth	Toluene Value	Q	DF	Chlorobenzene Value	Q	DF	Ethylbenzene Value	Q	DF	m,p-Xylene Value	Q	DF	o-Xylene Value	Q	DF	1,3-Dichlorobenzene Value	Q	DF	1,4-Dichlorobenzene Value	Q	DF	1,2-Dichlorobenzene Value	Q	DF	%SS
75.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	100
85.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	123
98.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	122
105.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	116
114.9	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	125
125.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	129
135.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	113
157.9	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	115
165.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	111
175.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	108
185.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	111
195.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	115
204.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	121
215.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	115
223.8	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	105
233.4	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	113
241.5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	115
252.2	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	108
259.6	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	120
286.5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	113
294.4	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	111
322.5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	112
331.1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	114
340.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	118
350.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	109
361.6	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	109
370.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	102
380.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	110
389.9	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	116
401.5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	101
409.6	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	107
418.7	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	105
426.4	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	106
441.7	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	110
450.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	104
458.7	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	104
491.6	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	105
501.0	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	111
511.5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	112
519.1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	113
531.5	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	109
537.4	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	112
550.1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	112
570.9	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	110
580.7	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	125

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
%SS = Surrogate Recovery
U = Undetected below the specified reporting limit

R2-0012102

STONE ENVIRONMENTAL INC

DRAFT

bile Laboratory Results Sheet

t:	GTEOSI
tion:	Hicksville, NY
ct ID:	Groundwater Profiling
;	071867-R
Sampled:	3/31/2009-4/16/2009
Analyzed:	3/31/2009-4/16/2009
rt Date:	5/22/2009

OLE ID = P-119

VOC DATA, ug/L

Depth	Vinyl Chloride Value	Q	DF	t-Dichloroethene Value	Q	DF	c-Dichloroethene Value	Q	DF	Trichloroethene Value	Q	DF	Tetrachloroethene Value	Q	DF	% SS
64.95	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	89
72.85	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	89
84.95	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	87
94.95	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	97
104.95	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	85
114.45	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	93
124.85	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	93
133.45	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	83
144.95	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	84
154.95	1	U	1	1	U	1	1	U	1	**6**		1	**3**		1	98
164.95	1	U	1	1	U	1	1	U	1	**2**		1	**4**		1	95
174.95	1	U	1	1	U	1	1	U	1	**1**		1	**5**		1	89
184.95	1	U	1	1	U	1	1	U	1	1	U	1	**3**		1	89
194.95	1	U	1	1	U	1	1	U	1	1	U	1	**5**		1	86
204.50	1	U	1	1	U	1	1	U	1	1	U	1	**20**		1	88
217.80	1	U	1	1	U	1	1	U	1	**25**		1	**200**		1	95
224.80	1	U	1	1	U	1	1	U	1	**34**		1	**1300**		10	91
234.80	1	U	1	1	U	1	1	U	1	1	U	1	**13**		1	80
244.25	1	U	1	1	U	1	1	U	1	1	U	1	**18**		1	86
254.30	1	U	1	1	U	1	1	U	1	1	U	1	**33**		1	91
263.00	1	U	1	1	U	1	1	U	1	**2**		1	**66**		1	88
285.00	1	U	1	1	U	1	1	U	1	**1**		1	**16**		1	101
294.70	1	U	1	1	U	1	1	U	1	1	U	1	**18**		1	99
304.25	1	U	1	1	U	1	1	U	1	1	U	1	**3**		1	97
324.80	1	U	1	1	U	1	1	U	1	1	U	1	**2**		1	101
347.00	1	U	1	1	U	1	1	U	1	1	U	1	**2**		1	94
354.95	1	U	1	1	U	1	1	U	1	1	U	1	**1**		1	92
364.95	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	89
373.90	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	97
386.80	1	U	1	1	U	1	1	U	1	1	U	1	**4**	U	1	95
388.15	1	U	1	1	U	1	1	U	1	1	U	1	**3**		1	104
397.10	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	100
408.30	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	94

INORGANIC DATA, mg/L

Depth	Fe^{+2}	Fe, Total	Ammonia	Chloride	Chlorine, Total
64.95	NA	NA	NA	NA	NA
72.85	NA	NA	NA	NA	NA
84.95	0.53	1.04	0.27	141	0.41
94.95	0.29	0.57	0.70	22	0.03
104.95	0.24	0.97	0.58	125	0.04
114.45	0.62	1.21	0.24	102	0.05
124.85	0.53	0.59	2.4	143	0.05
133.45	0.14	0.30	0.04	97	0.02
144.95	0.30	0.36	0.80	163	ND
154.95	0.59	0.82	8.0	81	0.02
164.95	1.05	1.96	0.14	20	0.03
174.95	0.44	1.41	0.06	17	0.05
184.95	NA	NA	NA	NA	NA
194.95	NA	NA	0.22	NA	NA
204.50	0.16	0.16	0.13	42	0.03
217.80	NA	NA	0.08	NA	NA
224.80	0.33	1.00	0.23	15	ND
234.80	0.45	1.13	ND	17	0.03
244.25	0.38	0.66	0.14	17	0.17
254.30	ND	ND	0.04	16	ND
263.00	0.93	0.99	0.05	19	ND
285.00	0.16	0.24	0.02	22	ND
294.70	0.22	0.38	0.19	17	ND
304.25	0.11	0.15	0.02	27	ND
324.80	0.09	0.48	0.28	127	0.03
347.00	0.15	0.21	0.10	156	0.04
354.95	0.18	0.28	0.03	117	ND
364.95	0.16	0.32	0.28	67	0.10
373.90	0.16	0.17	0.03	12	ND
386.80	0.26	0.64	0.13	26	0.02
388.15	0.20	0.47	0.07	22	0.02
397.10	0.11	0.19	0.09	18	0.03
408.30	0.14	0.34	0.12	19	0.04

Freons

Depth	Freon 113 Value	Q	DF	Freon 123 Value	Q	DF	Freon 123A Value	Q	DF
64.95	1	U	1	1	U	1	1	U	1
72.85	1	U	1	1	U	1	1	U	1
84.95	1	U	1	1	U	1	1	U	1
94.95	1	U	1	1	U	1	1	U	1
104.95	1	U	1	1	U	1	1	U	1
114.45	1	U	1	1	U	1	1	U	1
124.85	1	U	1	1	U	1	1	U	1
133.45	1	U	1	1	U	1	1	U	1
144.95	1	U	1	1	U	1	1	U	1
154.95	1	U	1	1	U	1	1	U	1
164.95	1	U	1	1	U	1	1	U	1
174.95	1	U	1	1	U	1	1	U	1
184.95	1	U	1	1	U	1	1	U	1
194.95	1	U	1	1	U	1	1	U	1
204.50	1	U	1	1	U	1	1	U	1
217.80	1	U	1	1	U	1	1	U	1
224.80	1	U	1	1	U	1	1	U	1
234.80	1	U	1	1	U	1	1	U	1
244.25	1	U	1	1	U	1	1	U	1
254.30	1	U	1	1	U	1	1	U	1
263.00	1	U	1	1	U	1	1	U	1
285.00	1	U	1	1	U	1	1	U	1
294.70	1	U	1	1	U	1	1	U	1
304.25	1	U	1	1	U	1	1	U	1
324.80	1	U	1	1	U	1	1	U	1
347.00	1	U	1	1	U	1	1	U	1
354.95	1	U	1	1	U	1	1	U	1
364.95	1	U	1	1	U	1	1	U	1
373.90	1	U	1	1	U	1	1	U	1
386.80	1	U	1	1	U	1	1	U	1
388.15	1	U	1	1	U	1	1	U	1
397.10	1	U	1	1	U	1	1	U	1
408.30	1	U	1	1	U	1	1	U	1

VOC DATA, ug/L

Depth	1,1-Dichloroethene Value	Q	DF	1,1-Dichloroethane Value	Q	DF	1,1,1-Trichloroethane Value	Q	DF	1,1,1,2-Tetrachloroethane Value	Q	DF	Carbon Tetrachloride Value	Q	DF
64.95	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
72.85	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
84.95	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
94.95	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
104.95	**3**		1	**4**		1	**6**		1	1	U	1	1	U	1
114.45	1	U	1	1	U	1	**1**		1	1	U	1	1	U	1
124.85	**4**		1	**6**		1	**10**		1	1	U	1	1	U	1
133.45	**1**		1	**3**		1	**3**		1	1	U	1	1	U	1
144.95	**4**		1	**6**		1	**9**		1	1	U	1	1	U	1
154.95	**2**		1	1	U	1	**3**		1	1	U	1	1	U	1
164.95	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
174.95	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
184.95	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
194.95	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
204.50	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
217.80	1	U	1	1	U	1	1	U	1	1	U	1	**1**		1
224.80	1	U	1	1	U	1	1	U	1	1	U	1	**2**		1
234.80	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
244.25	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
254.30	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
263.00	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
285.00	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
294.70	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
304.25	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
324.80	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
347.00	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
354.95	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
364.95	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
373.90	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
386.80	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
388.15	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
397.10	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
408.30	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1

Depth	Benzene Value	Q	DF	1,2-Dichloroethane Value	Q	DF	Toluene Value	Q	DF	Chlorobenzene Value	Q	DF	Ethylbenzene Value	Q	DF
64.95	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
72.85	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
84.95	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
94.95	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
104.95	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
114.45	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
124.85	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
133.45	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
144.95	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
154.95	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
164.95	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
174.95	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
184.95	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
194.95	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
204.50	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
217.80	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
224.80	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
234.80	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
244.25	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
254.30	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
263.00	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
285.00	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
294.70	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
304.25	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
324.80	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
347.00	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
354.95	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
364.95	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
373.90	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
386.80	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
388.15	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
397.10	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
408.30	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1

Depth	m,p-Xylene Value	Q	DF	o-Xylene Value	Q	DF	1,3-Dichlorobenzene Value	Q	DF	1,4-Dichlorobenzene Value	Q	DF	1,2-Dichlorobenzene Value	Q	DF	%SS
64.95	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	89
72.85	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	89
84.95	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	87
94.95	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	97
104.95	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	85
114.45	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	93
124.85	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	93
133.45	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	83
144.95	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	84
154.95	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	98
164.95	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	95
174.95	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	89
184.95	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	89
194.95	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	86
204.50	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	88
217.80	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	95
224.80	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	91
234.80	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	80
244.25	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	86
254.30	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	91
263.00	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	88
285.00	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	101
294.70	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	99
304.25	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	97
324.80	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	101
347.00	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	94
354.95	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	92
364.95	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	89
373.90	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	97
386.80	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	95
388.15	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	104
397.10	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	100
408.30	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	94

es with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb

Surrogate Recovery

detected below the specified reporting limit.

timated value.

'alue below detection limit.

Iot Sampled

Iot Analyzed due to insufficient Sample Volume

R2-0012103

STONE ENVIRONMENTAL INC DRAFT

…ile Laboratory Results Sheet

…:	GTEOSI
…ion:	Hicksville, NY
…t ID:	Groundwater Profiling
	071867-R
…Sampled:	4/17/2009-5/13/2009
…Analyzed:	4/18/2009-5/13/2009
…t Date:	5/22/2009

…OLE ID = P-120

	VOC DATA, ug/L															
	Vinyl Chloride			t-Dichloroethene			c-Dichloroethene			Trichloroethene			Tetrachloroethene			% SS
Depth	Value	Q	DF	Value	Q	DF	Value	Q	DF	Value	Q	DF	Value	Q	DF	
74.90	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	108
84.85	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	107
94.75	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	102
103.50	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	110
114.30	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	118
125.00	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	118
143.20	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	106
154.70	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	96
165.00	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	106
172.35	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	105
192.10	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	106
200.00	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	101
210.20	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	110
220.00	1	U	1	1	U	1	1	U	1	2		1	10		1	105
230.00	1	U	1	1	U	1	1	U	1	3		1	77		1	103
239.30	1	U	1	1	U	1	1	U	1	12		1	93		1	101
253.05	1	U	1	1	U	1	5		1	30		1	44		1	103
263.50	1	U	1	1	U	1	7		1	30		1	55		1	102
326.65	1	U	1	1	U	1	8		1	590		10	270		10	115
335.00	1	U	1	1	U	1	12		1	890		10	320		10	111
345.00	1	U	1	1	U	1	8		1	590		10	1120		10	108
361.50	1	U	1	1	U	1	14		1	240		10	2400		10	104
369.00	1	U	1	1	U	1	21		1	280		10	830		10	108
381.70	1	U	1	1	U	1	36		1	150		10	1500		10	110
389.20	1	U	1	1	U	1	24		1	91		1	820		10	111
404.05	1	U	1	1	U	1	3		1	6		1	960		10	107
417.35	1	U	1	1	U	1	1	U	1	1		1	140		1	119
424.80	1	U	1	1	U	1	1	U	1	1	U	1	23		1	105
434.50	1	U	1	1	U	1	1	U	1	1	U	1	20		1	106
444.80	1	U	1	1	U	1	1	U	1	1	U	1	95		1	102
463.40	1	U	1	1	U	1	1	U	1	1	U	1	43		1	101
471.95	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	99
481.25	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	106

INORGANIC DATA, mg/L				
Fe^{2+}	Fe, Total	Ammonia	Chloride	Chlorine, Total
0.28	0.71	0.13	57	0.02
0.63	0.84	0.40	51	0.20
0.57	0.73	0.36	47	0.07
0.37	0.44	0.31	54	0.09
0.31	0.61	0.26	44	0.04
0.41	2.87	0.90	47	0.27
0.34	0.85	0.17	109	0.06
0.38	0.62	0.26	117	0.12
0.22	0.45	0.22	67	0.05
0.15	0.35	0.24	55	0.04
0.10	0.10	0.09	135	ND
0.15	0.20	0.04	54	ND
0.07	0.15	0.15	39	0.03
0.34	0.39	0.06	72	ND
0.32	0.63	0.16	63	0.03
0.46	0.94	0.39	35	0.14
0.24	0.27	0.14	29	0.02
0.21	0.43	0.12	21	0.02
0.25	0.71	0.14	27	0.04
0.70	0.92	0.23	30	0.15
0.41	0.44	0.18	23	ND
0.14	0.17	0.05	22	0.03
0.12	0.15	0.06	21	ND
0.12	0.12	0.09	23	ND
0.17	0.17	0.05	15	ND
0.07	0.23	0.11	58	0.02
0.65	12.50	0.28	43	0.29
0.10	0.14	0.04	40	ND
0.17	0.19	0.07	41	0.06
0.30	0.30	0.15	17	0.08
0.11	0.20	0.06	14	ND
0.31	0.38	0.23	46	0.07
NA	NA	NA	NA	NA

Freons								
Freon 113			Freon 123			Freon 123A		
Value	Q	DF	Value	Q	DF	Value	Q	DF
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
7		1	1	U	1	1	U	1
12		1	1	U	1	1	U	1
8		1	1	U	1	1	U	1
2		1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1
1	U	1	1	U	1	1	U	1

VOC DATA, ug/L

	1,1-Dichloroethene			1,1-Dichloroethane			1,1,1-Trichloroethane			1,1,1,2-Tetrachloroethane			Carbon Tetrachloride			Benzene			1,2-Dichlorothane		
Depth	Value	Q	DF	Value	Q	DF	Value	Q	DF	Value	Q	DF	Value	Q	DF	Value	Q	DF	Value	Q	DF
74.90	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
84.85	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
94.75	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
103.50	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
114.30	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
125.00	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
143.20	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
154.70	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
165.00	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
172.35	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
192.10	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
200.00	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
210.20	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
220.00	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
230.00	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
239.30	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
253.05	1	U	1	1	U	1	1	U	1	1	U	1	7		1	1	U	1	1	U	1
263.50	1	U	1	1	U	1	1	U	1	1	U	1	6		1	1	U	1	1	U	1
326.65	2		1	1	U	1	1	U	1	1	U	1	8		1	1	U	1	1	U	1
335.00	3		1	1	U	1	2		1	1	U	1	10		1	1	U	1	1	U	1
345.00	1		1	1	U	1	1	U	1	1		1	10		1	1	U	1	1	U	1
361.50	1		1	1	U	1	1	U	1	2		1	6		1	1	U	1	1	U	1
369.00	1	U	1	1	U	1	1	U	1	1	U	1	4		1	1	U	1	1	U	1
381.70	1	U	1	1	U	1	1	U	1	1		1	3		1	1	U	1	1	U	1
389.20	1	U	1	1	U	1	1	U	1	1	U	1	4		1	1	U	1	1	U	1
404.05	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
417.35	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
424.80	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
434.50	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
444.80	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
463.40	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
471.95	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1
481.25	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1

	Toluene			Chlorobenzene			Ethylbenzene			m,p-Xylene			o-Xylene			1,3-Dichlorobenzene			1,4-Dichlorobenzene			1,2-Dichlorobenzene			%SS
Depth	Value	Q	DF	Value	Q	DF	Value	Q	DF	Value	Q	DF	Value	Q	DF	Value	Q	DF	Value	Q	DF	Value	Q	DF	
74.90	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	108
84.85	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	107
94.75	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	102
103.50	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	110
114.30	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	118
125.00	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	118
143.20	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	106
154.70	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	96
165.00	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	106
172.35	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	105
192.10	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	106
200.00	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	101
210.20	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	110
220.00	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	105
230.00	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	103
239.30	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	101
253.05	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	103
263.50	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	102
326.65	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	115
335.00	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	111
345.00	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	108
361.50	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	104
369.00	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	108
381.70	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	110
389.20	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	111
404.05	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	107
417.35	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	119
424.80	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	105
434.50	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	106
444.80	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	102
463.40	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	101
471.95	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	99
481.25	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	1	U	1	106

…s with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
…Surrogate Recovery
…detected below the specified reporting limit.
…imated value.
…alue below detection limit.
…ot Analyzed due to inefficient Sample Volume

STONE ENVIRONMENTAL INC

DRAFT

Mobile Laboratory Results Sheet

Client:	GTEOSI
Location:	Hicksville, NY
Project ID:	Groundwater Profiling
SEI #:	03-1402
Date Sampled:	6/9 - 6/18/03
Date Analyzed:	6/9 - 6/18/03
Report Date:	6/18/03

HOLE ID = PC	VOC DATA, ug/L												INORGANIC DATA, mg/L					COELUTING COMPOUNDS	
Depth	Vinyl Chloride	Q	t-Dichloroethene	Q	c-Dichloroethene	Q	Trichloroethene	Q	Tetrachloroethene	Q	% SS	Fe^{+2}	Fe, Total	Ammonia	Chloride	Chlorine, Total	1,1-DCE / Freon 113	1,2-DCA / Benzene
79.6	4	U	4	U	4	U	4	U	**340**		89	0.05	0.08	0.03	48	ND	4 U	4 U
89.6	20	U	20	U	20	U	20	U	**1200**		91	0.05	0.10	0.05	64	0.03	20 U	20 U
99.6	1	U	1	U	1	U	1	U	**85**		92	0.31	1.28	0.55	49	0.26	1 U	1 U
109.6	1	U	1	U	1	U	1	U	**8**		112	0.12	0.27	0.15	78	0.03	1 U	1 U
119.6	1	U	1	U	1	U	1	U	1	U	107	0.05	0.09	0.04	41	ND	1 U	1 U
129.6	1	U	1	U	1	U	1	U	**1**		90	0.17	1.92	1.05	67	0.39	1 U	1 U
139.6	1	U	1	U	1	U	1	U	**2**		109	0.05	0.30	0.12	95	0.04	1 U	1 U
149.6	1	U	1	U	1	U	**2**		**3**		106	0.10	8.9	7.1	103	0.66	1 U	1 U
159.6	1	U	1	U	1	U	**23**		**4**		92	ND	0.13	0.08	77	0.03	**Detect**	1 U
169.6	1	U	1	U	1	U	**8**		**4**		102	0.09	0.59	0.34	111	0.06	**Detect**	1 U
179.6	1	U	1	U	1	U	**30**		**2**		100	ND	0.05	0.08	68	0.04	1 U	1 U
185.3	1	U	1	U	**3**		**41**		1	U	91	0.04	0.15	0.16	63	0.05	1 U	1 U
195.3	1	U	1	U	**7**		**94**		**3**		95	ND	0.04	0.04	53	ND	1 U	1 U
205.3	2	U	2	U	**12**		**160**		**9**		98	0.03	0.17	0.14	46	0.04	2 U	2 U
215.3	6	U	6	U	**39**		**390**		**23**		89	0.07	0.41	0.38	60	0.04	6 U	6 U
225.3	2	U	2	U	**9**		**130**		**9**		88	ND	0.05	0.07	75	0.02	2 U	2 U
235.3	3	U	3	U	**18**		**210**		**13**		90	0.03	0.03	0.03	70	0.02	3 U	3 U
245.3	1	U	1	U	1	U	1		1	U	89	ND	ND	0.02	110	0.02	1 U	1 U
265.3	1	U	1	U	1	U	1	U	**2**		90	ND	0.12	0.06	320	ND	1 U	1 U
275.3	1	U	1	U	1	U	1	U	**1**		104	0.09	0.24	0.29	188	0.07	1 U	1 U
320.3	1	U	1	U	1	U	1	U	**9**		104	0.05	0.13	0.16	607	0.05	1 U	1 U
330.3	1	U	1	U	1	U	**6**		**2**		96	ND	0.11	0.17	350	0.02	1 U	1 U
337.6	1	U	1	U	**3**		**48**		**4**		104	0.30	1.34	0.34	79	0.24	1 U	1 U
347.7	1	U	1	U	1	U	**3**		1	U	98	0.08	0.25	0.14	178	0.03	1 U	1 U
364.6	1	U	1	U	1	U	**17**		**3**		100	0.42	0.78	0.31	163	0.30	1 U	1 U
374.5	1	U	1	U	1	U	**2**		1	U	98	ND	0.03	0.04	41	0.03	1 U	1 U
384.5	1	U	1	U	1	U	1	U	1	U	100	0.12	0.21	0.20	43	0.07	1 U	1 U
394.5	1	U	1	U	1	U	1	U	1	U	95	ND	0.04	ND	29	ND	1 U	1 U

	VOC DATA, ug/L																									
Depth	Freon 123A	Q	Freon 123	Q	1,1-Dichloroethane	Q	1,1,1-Trichloroethane	Q	Toluene	Q	Chlorobenzene	Q	Ethylbenzene	Q	m,p-Xylene	Q	o-Xylene	Q	1,3-Dichlorobenzene	Q	1,4-Dichlorobenzene	Q	1,2-Dichlorobenzene	Q	%SS
79.6	4	U	4	U	4	U	4	U	4	U	4	U	4	U	8	U	4	U	4	U	4	U	4	U	89
89.6	20	U	20	U	20	U	20	U	20	U	20	U	20	U	40	U	20	U	20	U	20	U	20	U	91
99.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	92
109.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	112
119.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	107
129.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	90
139.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	109
149.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	106
159.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	92
169.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	102
179.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	100
185.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	91
195.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	95
205.3	2	U	2	U	2	U	2	U	2	U	2	U	2	U	4	U	2	U	2	U	2	U	2	U	98
215.3	6	U	6	U	6	U	6	U	6	U	6	U	6	U	12	U	6	U	6	U	6	U	6	U	89
225.3	2	U	2	U	2	U	2	U	2	U	2	U	2	U	4	U	2	U	2	U	2	U	2	U	88
235.3	3	U	3	U	3	U	3	U	3	U	3	U	3	U	6	U	3	U	3	U	3	U	3	U	90
245.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	89
265.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	90
275.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	104
320.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	104
330.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	96
337.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	104
347.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	98
364.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	100
374.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	98
384.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	100
394.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	95

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
%SS = Surrogate Recovery
U = Undetected below the specified reporting limit.
J = Estimated value.
ND = Value below detection limit

STONE ENVIRONMENTAL INC

DRAFT

Mobile Laboratory Results Sheet

Client: GTEOSI
Location: Hicksville, NY
Project ID: Groundwater Profiling
SEI #: 03-1402
Date Sampled: 5/27 - 6/4/03
Date Analyzed: 5/27 - 6/4/03
Report Date: 6/4/2003

HOLE ID = PD	VOC DATA, ug/L																					INORGANIC DATA, mg/L					COELUTING COMPOUNDS	
Depth	Vinyl Chloride	Q	t-Dichloroethene	Q	c-Dichloroethene	Q	Trichloroethene	Q	Tetrachloroethene	Q	% SS	Fe^{+2}	Fe, Total	Ammonia	Chloride	Chlorine, Total	1,1-DCE / Freon 113	1,2-DCA / Benzene
77.1	1	U	1	U	1	U	**9**	J	**250**		94	0.03	0.26	0.14	124	ND	1 U	1 U
87.1	1	U	1	U	1	U	1	U	**41**	J	100	ND	0.12	0.15	49	0.04	1 U	1 U
97.1	1	U	1	U	1	U	1	U	**74**	J	115	0.03	0.10	0.12	40	0.03	1 U	**Detect**
107.1	1	U	1	U	1	U	1	U	**12**		87	0.08	0.22	0.22	38	0.05	1 U	1 U
117.1	1	U	1	U	1	U	1	U	**3**		90	0.04	0.05	0.08	25	0.02	**Detect**	1 U
127.1	1	U	1	U	1	U	1	U	**1**		81	0.06	0.10	0.08	12	ND	**Detect**	1 U
137.1	1	U	1	U	1	U	1	U	**4**		97	10.80	10.10	0.38	50	0.04	1 U	1 U
147.1	1	U	1	U	1	U	**4**		**2**		82	0.11	0.17	0.10	81	0.03	1 U	1 U
157.1	1	U	1	U	1	U	**5**		**1**		88	ND	0.11	0.13	85	0.04	1 U	1 U
167.1	1	U	1	U	**20**		**200**		**14**		107	0.41	1.05	0.19	68	0.16	1 U	1 U
177.1	1	U	1	U	1	U	**2**		**2**		80	ND	0.07	0.40	125	ND	1 U	1 U
187.1	1	U	1	U	**4**		**40**		**3**		**111**	0.06	0.23	0.22	111	0.06	1 U	1 U
197.1	1	U	1	U	1	U	**8**		1	U	76	0.17	1.55	1.15	87	0.37	1 U	1 U
207.1	1	U	1	U	1	U	**6**		1	U	79	0.21	2.13	1.00	83	0.27	1 U	1 U
217.1	1	U	1	U	1	U	1	U	1	U	80	ND	0.13	0.12	84	0.03	1 U	1 U
227.1	1	U	1	U	1	U	1	U	1	U	84	0.11	0.63	0.47	76	0.11	1 U	1 U
237.1	1	U	1	U	1	U	1	U	1	U	77	ND	0.17	0.20	70	0.03	1 U	1 U
247.1	1	U	1	U	1	U	1	U	1	U	88	ND	0.16	0.13	96	0.03	1 U	1 U
257.1	1	U	1	U	1	U	**3**		**8**		109	0.31	0.52	4.00	187	0.14	1 U	1 U
290.1	1	U	1	U	1	U	**8**		**31**		109	0.40	0.09	0.09	702	0.03	1 U	1 U
317.0	1	U	1	U	1	U	**3**		**17**		96	0.25	0.40	0.45	667	0.07	1 U	1 U
322.0	1	U	1	U	1	U	**3**		**16**		92	0.20	0.44	0.21	777	0.03	1 U	1 U
332.0	1	U	1	U	1	U	1	U	**4**		94	0.02	0.09	0.09	350	ND	1 U	1 U
342.0	1	U	1	U	1	U	1	U	1	U	96	ND	ND	ND	91	ND	1 U	1 U
352.0	1	U	1	U	1	U	1	U	1	U	93	0.05	0.29	0.16	28.5	ND	1 U	1 U

	VOC DATA, ug/L																																
Depth	Freon 123A	Q	Freon 123	Q	1,1-Dichloroethane	Q	1,1,1-Trichloroethane	Q	Toluene	Q	Chlorobenzene	Q	Ethylbenzene	Q	m,p-Xylene	Q	o-Xylene	Q	1,3-Dichlorobenzene	Q	1,4-Dichlorobenzene	Q	1,2-Dichlorobenzene	Q	%SS
77.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	94
87.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	100
97.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	115
107.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	87
117.1	1	U	1	U	1	U	**2**		1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	90
127.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	81
137.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	97
147.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	82
157.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	88
167.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	107
177.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	80
187.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	111
197.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	76
207.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	79
217.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	80
227.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	84
237.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	77
247.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	88
257.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	109
290.1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	109
317.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	96
322.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	92
332.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	96
342.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	96
352.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	93

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
%SS = Surrogate Recovery
U = Undetected below the specified reporting limit.
J = Estimated value.
ND = Value below detection limit.
NS = Not Sampled

STONE ENVIRONMENTAL INC

DRAFT

Mobile Laboratory Results Sheet

Client: GTEOSI
Location: Hicksville, NY
Project ID: Groundwater Profiling
SEI #: 03-1402
Date Sampled: 5/15 - 5/23/03
Date Analyzed: 5/15 - 5/23/03
Report Date: 5/23/03

HOLE ID = PE	VOC DATA, ug/L												INORGANIC DATA, mg/L					COELUTING COMPOUNDS	
Depth	Vinyl Chloride	Q	t-Dichloroethene	Q	c-Dichloroethene	Q	Trichloroethene	Q	Tetrachloroethene	Q	%SS	Fe^{+2}	Fe, Total	Ammonia	Chloride	Chlorine, Total	1,1-DCE / Freon 113	1,2-DCA / Benzene
78.6	1	U	1	U	1	U	1	U	1		106	ND	0.06	0.15	23	ND	1 U	1 U
88.6	1	U	1	U	2		1		5		112	7.7	9.3	0.10	15	ND	1 U	1 U
98.6	1	U	1	U	1	U	1	U	55		105	13.9	14.3	0.24	14	0.03	1 U	1 U
108.6	1	UJ	1	U	1	U	1	U	70		102	11.60	12.20	0.12	13	0.12	1 U	1 U
118.6	1	UJ	1	U	1	U	1	U	58		99	ND	0.08	0.62	18	ND	1 U	1 U
128.6	20	U	20	U	20	U	20	U	1800		108	0.10	0.27	0.14	33	ND	20 U	20 U
138.6	20	U	20	U	20	U	20	U	1700	J	111	0.36	0.43	0.24	23	ND	20 U	20 U
148.6	1	U	1	U	1	U	1	U	13		123	0.06	0.21	0.27	104	ND	1 U	Detect
158.6	1	U	1	U	1	U	1	U	2		116	ND	0.30	0.22	142	ND	1 U	Detect
168.6	1	U	1	U	1	U	1	U	1		121	0.03	0.67	0.10	121	ND	1 U	1 U
178.6	1	U	1	U	1	U	1	U	16		119	ND	ND	ND	230	ND	1 U	1 U
198.6	1	U	1	U	1	U	1	U	1		117	ND	0.11	0.14	308	ND	1 U	1 U
208.6	1	U	1	U	1	U	1	U	1	U	109	0.06	0.32	0.21	395	ND	1 U	1 U
218.6	1	U	1	U	1	U	1	U	1	U	113	0.14	0.48	0.52	385	0.07	1 U	1 U
228.6	1	U	1	U	1	U	1	U	1	U	113	0.35	1.48	0.53	438	0.21	1 U	1 U
238.6	1	U	1	U	1	U	1	U	2		114	0.36	5.0	1.1	518	0.37	1 U	1 U
268.6	1	U	1	U	1	U	1	U	45		112	0.34	1.29	0.47	608	0.11	1 U	1 U
292.3	1	U	1	U	1	U	1		42		114	ND	0.07	0.09	895	ND	1 U	1 U
301.3	2	UJ	2	U	2	U	7		170		113	0.09	0.09	0.12	820	0.03	2 U	2 U
317.2	4	UJ	4	U	4	U	6		310		121	0.16	0.35	0.18	193	0.04	4 U	4 U
327.2	1	UJ	1	U	1	U	4		30		120	0.16	0.20	0.34	843	0.11	1 U	1 U
332.9	1	UJ	1	U	1	U	2		16		116	0.14	0.32	0.25	718	0.10	1 U	1 U

	VOC DATA, ug/L																											
Depth	Freon 123A	Q	Freon 123	Q	1,1-Dichloroethane	Q	1,1,1-Trichloroethane	Q	Toluene	Q	Chlorobenzene	Q	Ethylbenzene	Q	m,p-Xylene	Q	o-Xylene	Q	1,3-Dichlorobenzene	Q	1,4-Dichlorobenzene	Q	1,2-Dichlorobenzene	Q	%SS
78.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	106
88.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	112
98.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	105
108.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	102
118.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	99
128.6	20	U	20	U	20	U	20	U	20	U	20	U	20	U	40	U	20	U	20	U	20	U	20	U	108
138.6	20	U	20	U	20	U	20	U	20	U	20	U	20	U	40	U	20	U	20	U	20	U	20	U	111
148.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	123
158.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	116
168.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	121
178.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	119
198.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	117
208.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	109
218.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	113
228.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	113
238.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	114
268.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	112
292.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	114
301.3	2	U	2	U	2	U	2	U	2	U	2	U	2	U	4	U	2	U	2	U	2	U	2	U	113
317.2	4	U	4	U	4	U	4	U	4	U	4	U	4	U	8	U	4	U	4	U	4	U	4	U	121
327.2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	120
332.9	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	116

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
%SS = Surrogate Recovery
U = Undetected below the specified reporting limit.
J = Estimated value.
ND = Value below detection limit.
NS = Not Sampled

R2-0012107

STONE ENVIRONMENTAL INC

DRAFT

Mobile Laboratory Results Sheet

Client: GTEOSI
Location: Hicksville, NY
Project ID: Groundwater Profiling
SEI #: 03-1402
Date Sampled: 4/28 - 5/2/03
Date Analyzed: 4/28 - 5/9/03
Report Date: 5/9/03

HOLE ID = PF	VOC DATA, ug/L																INORGANIC DATA, mg/L					COELUTING COMPOUNDS	
Depth	Vinyl Chloride	Q	t-Dichloroethene	Q	c-Dichloroethene	Q	Trichloroethene	Q	Tetrachloroethene	Q	%SS	Fe^{+2}	Fe, Total	Ammonia	Chloride	Chlorine, Total	113	1,2-DCA / Benzene
76.5	20	U	20	U	**120**		**120**		**8200**		104	0.45	1.16	0.49	40	0.11	20 U	20 U
86.5	20	U	20	U	20	U	20	U	**450**		97	0.03	0.29	0.18	17	ND	20 U	20 U
96.5	1	U	1	U	1	U	1	U	**4**		90	0.08	0.26	0.20	76	ND	NA	NA
106.5	1	U	1	U	1	U	1	U	**3**		105	0.02	0.27	0.32	88	ND	1 U	1 U
116.5	1	U	1	U	1	U	1	U	**2**		99	0.00	0.00	0.05	72	ND	1 U	1 U
126.4	1	U	1	U	1	U	1	U	**2**		103	0.07	0.61	0.57	80	0.08	1 U	1 U
136.5	1	U	1	U	1	U	1	U	**2**		95	0.04	0.22	0.30	116	0.05	1 U	1 U
146.3	1	U	1	U	1	U	1	U	**2**		101	0.03	0.12	0.22	108	0.02	1 U	1 U
156.5	1	U	1	U	1	U	1	U	**4**		99	0.07	0.51	0.57	75	0.07	1 U	1 U
166.5	1	U	1	U	1	U	1	U	**2**		97	0.03	0.69	0.92	72	ND	1 U	1 U

	VOC DATA, ug/L																											
Depth	Freon 123A	Q	Freon 123	Q	1,1-Dichloroethane	Q	1,1,1-Trichloroethane	Q	Toluene	Q	Chlorobenzene	Q	Ethylbenzene	Q	m,p-Xylene	Q	o-Xylene	Q	1,3-Dichlorobenzene	Q	1,4-Dichlorobenzene	Q	1,2-Dichlorobenzene	Q	%SS
76.5	20	U	20	U	20	U	20	U	20	U	20	U	20	U	40	U	20	U	20	U	20	U	20	U	104
86.5	20	U	20	U	20	U	20	U	20	U	20	U	20	U	40	U	20	U	20	U	20	U	20	U	97
96.5	NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		NA		90
106.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	105
116.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	99
126.4	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	103
136.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	95
146.3	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	101
156.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	99
166.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	97

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
%SS = Surrogate Recovery
U = Undetected below the specified reporting limit.
J = Estimated value.
ND = Value below detection limit.
NS = Not Sampled
NA = Not Analyzed for this analyte.

STONE ENVIRONMENTAL INC DRAFT

Mobile Laboratory Results Sheet

Client:	GTEOSI
Location:	Hicksville, NY
Project ID:	Groundwater Profiling
SEI #:	03-1402
Date Sampled:	7/21 - 7/27/03
Date Analyzed:	7/21 - 7/27/03
Report Date:	7/27/03

HOLE ID = PH

Depth	VOC DATA, ug/L Vinyl Chloride	Q	t-Dichloroethene	Q	c-Dichloroethene	Q	Trichloroethene	Q	Tetrachloroethene	Q	% SS	INORGANIC DATA, mg/L Fe^{+2}	Fe, Total	Ammonia	Chloride	Chlorine, Total	COELUTING COMPOUNDS 1,1-DCE / Freon 113	1,2-DCA / Benzene
76.8	1	U	1	U	1	U	1	U	**8**		87	0.09	0.33	0.19	33	0.06	1 U	1 U
86.8	1	U	1	U	1	U	1	U	**11**		95	0.08	0.18	0.11	21	0.02	1 U	1 U
96.8	12	U	12	U	12	U	12	U	**1500**		115	0.06	0.13	0.04	44	ND	12 U	12 U
106.8	2	U	2	U	2	U	**4**		**240**		110	0.06	0.16	0.07	48	0.02	**Detect**	2 U
116.8	1	U	1	U	1	U	1	U	**10**		95	0.10	0.23	0.20	28	0.05	**Detect**	1 U
126.8	1	U	1	U	1	U	1	U	**10**		99	0.09	0.20	0.19	50	0.05	1 U	1 U
136.8	1	U	1	U	1	U	1	U	**4**		104	0.11	0.29	0.28	60	0.08	**Detect**	1U
146.8	1	U	1	U	1	U	1	U	**3**		98	0.22	0.87	0.72	71	0.16	**Detect**	1 U
156.8	1	U	1	U	1	U	**12**		**7**		106	0.11	1.26	0.85	68	0.05	**Detect**	1 U
166.8	1	U	1	U	1	U	**24**		**6**		104	0.12	0.32	0.28	64	0.08	1 U	1 U
176.8	1	U	1	U	**3**		**42**		**22**		108	0.15	0.34	0.36	92	0.06	1 U	1 U
186.8	1	U	1	U	1	U	**2**		**2**		97	0.03	0.09	0.11	107	0.03	1 U	1 U
196.8	1	U	1	U	1	U	**7**		**2**		105	0.43	0.86	0.50	109	0.28	1 U	1 U
206.6	1	U	1	U	1	U	1	U	**3**		105	ND	0.05	0.05	140	ND	1 U	1 U
216.6	1	U	1	U	1	U	1	U	1	U	105	0.03	0.06	0.08	78	ND	1 U	1 U
226.6	1	U	1	U	1	U	1	U	1	U	108	ND	0.03	0.02	75	0.03	1 U	1 U
236.6	1	U	1	U	1	U	1	U	1	U	90	0.15	0.23	0.20	80	ND	1 U	1 U
328.5	1	U	1	U	1	U	**3**		**12**		108	0.03	0.07	0.10	447	0.02	1 U	1 U
335.0	1	U	1	U	1	U	**10**		**6**		117	ND	0.10	0.09	288	0.02	1 U	1 U
351.7	1	U	1	U	1	U	1	U	**2**		123	0.11	0.18	0.11	231	0.02	1 U	1 U
376.9	1	U	1	U	1	U	**5**		1	U	99	0.11	0.32	0.04	96	0.05	1 U	1 U
386.5	1	U	1	U	1	U	1	U	1	U	112	0.15	0.29	0.21	40	0.09	1 U	1 U
396.5	1	U	1	U	1	U	1	U	1	U	122	0.04	0.43	0.13	28	0.03	1 U	1 U

Depth	VOC DATA, ug/L Freon 123A	Q	Freon 123	Q	1,1-Dichloroethane	Q	1,1,1-Trichloroethane	Q	Toluene	Q	Chlorobenzene	Q	Ethylbenzene	Q	m,p-Xylene	Q	o-Xylene	Q	1,3-Dichlorobenzene	Q	1,4-Dichlorobenzene	Q	1,2-Dichlorobenzene	Q	%SS
76.8	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	87
86.8	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	95
96.8	12	U	12	U	12	U	12	U	12	U	12	U	12	U	24	U	12	U	12	U	12	U	12	U	115
106.8	2	U	2	U	2	U	2	U	2	U	2	U	2	U	4	U	2	U	2	U	2	U	2	U	110
116.8	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	95
126.8	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	99
136.8	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	104
146.8	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	98
156.8	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	106
166.8	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	104
176.8	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	108
186.8	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	97
196.8	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	105
206.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	105
216.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	105
226.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	108
236.6	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	90
328.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	108
335.0	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	117
351.7	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	123
376.9	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	99
386.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	112
396.5	1	U	1	U	1	U	1	U	1	U	1	U	1	U	2	U	1	U	1	U	1	U	1	U	122

Samples with >100 ppb total VOC's cannot be run on a carboxen fiber and will have detection limits of 20 ppb
%SS = Surrogate Recovery
U = Undetected below the specified reporting limit.
J = Estimated value.
ND = Value below detection limit.
NS = Not Sampled

TABLE 1
123 POST AVENUE
GROUNDWATER SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS

Sample ID	OU2-3	OU2-4	OU2-5	OU2-6	OU2-7A	OU2-7B	OU2-8A	Class GA Standards and Guidance Values
Sampling Date	1/9/2012	1/11/2012	1/11/2012	1/9/2012	1/6/2012	1/6/2012	1/4/2012	
Well Depth in Feet	100	114	121	115	100	120	100	
Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
COMPOUNDS								
1,1,1-Trichloroethane	U	U	U	U	U	U	U	5
1,1,2,2-Tetrachloroethane	U	U	U	U	U	U	U	5
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	U	U	U	U	U	5
1,1,2-Trichloroethane	U	U	U	U	U	U	U	1
1,1-Dichloroethane	U	U	U	U	U	U	U	5
1,1-Dichloroethene	U	U	U	U	U	U	U	5
1,2,4-Trichlorobenzene	U	U	U	U	U	U	U	5
1,2-Dibromo-3-chloropropane	U	U	U	U	U	U	U	5
1,2-Dibromoethane (EDB)	U	U	U	U	U	U	U	---
1,2-Dichlorobenzene	U	U	U	U	U	U	U	3
1,2-Dichloroethane	U	U	U	U	U	U	U	0.6
1,2-Dichloropropane	U	U	U	U	U	U	U	1
1,3-Dichlorobenzene	U	U	U	U	U	U	U	3
1,4-Dichlorobenzene	U	U	U	U	U	U	U	3
2-Hexanone	U	U	U	U	U	U	U	50 GV
Acetone	U	U	U	U	U	U	U	50
Benzene	U	U	U	U	U	U	U	1
Bromodichloromethane	U	U	U	U	U	U	U	50 GV
Bromoform	U	U	U	U	U	U	U	50 GV
Bromomethane	U	U	U	U	U	U	U	5
Carbon disulfide	1.2 J	U	U	U	U	U	U	---
Carbon tetrachloride	U	U	U	U	U	U	U	5
Chlorobenzene	U	U	U	U	U	U	U	5
Chloroethane	U	U	U	U	U	U	U	5
Chloroform	U	U	U	U	U	U	U	5
Chloromethane	U	U	U	U	U	U	U	5
cis-1,2-Dichloroethene	***120***	1.5 J	U	1.4 J	***17***	***130***	5 J	5
cis-1,3-Dichloropropene	U	U	U	U	U	U	U	0.4
Cyclohexane	1.2 J	U	U	U	U	U	U	---
Dibromochloromethane	U	U	U	U	U	U	U	50 GV
Dichlorodifluoromethane	U	U	U	U	U	U	U	5
Ethylbenzene	U	U	U	U	U	U	U	5
Isopropylbenzene	U	U	U	U	U	U	U	5

See next page for Footnotes/Qualifers

TABLE 1
123 POST AVENUE
GROUNDWATER SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS

Sample ID	OU2-3	OU2-4	OU2-5	OU2-6	OU2-7A	OU2-7B	OU2-8A	Class GA Standards and Guidance Values
Sampling Date	1/9/2012	1/11/2012	1/11/2012	1/9/2012	1/6/2012	1/6/2012	1/4/2012	
Well Depth in Feet	100	114	121	115	100	120	100	
Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
COMPOUNDS CONTINUED								
Methyl Acetate	U	U	U	U	U	U	U	---
Methyl ethyl ketone (2-Butanone)	U	U	U	U	U	U	U	50 GV
Methyl isobutyl ketone	U	U	U	U	U	U	U	---
Methylcyclohexane	U	U	U	U	U	U	U	---
Methylene chloride	U	U	U	U	U	U	U	5
Styrene	U	U	U	U	U	U	U	5
Tert-butyl methyl ether	2 J	0.55 J	1.8 J	U	0.56 J	1 J	U	10 GV
Tetrachloroethene	***3900 D***	***32***	4 J	***31***	***260 D***	***1100 D***	***66***	5
Toluene	U	U	U	U	U	U	U	5
trans-1,2-Dichloroethene	0.72 J	U	U	U	U	0.7 J	U	5
trans-1,3-Dichloropropene	U	U	U	U	U	U	U	0.4
Trichloroethene	***44***	U	U	U	4.9 J	***23***	0.95 J	5
Trichlorofluoromethane	U	U	U	U	U	U	U	5
Vinyl chloride	U	U	U	U	U	U	U	2
Total xylene	U	U	U	U	U	U	U	5
Total Volatile Organic Compounds	4069.12	34.05	5.8	32.4	282.46	1254.7	71.95	--

Footnotes/Qualifiers:

ug/l: Micrograms per liter
U: Analyzed for but not detected
J: Estimated value or limit
D: Result reported from a secondary dilution
GV: Guidance value
---: No standard or GV available
Exceeds Class GA Standard or GV

TABLE 1
123 POST AVENUE
GROUNDWATER SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS

Sample ID	OU2-8B	OU2-8C	OU2-9A	OU2-9B	OU2-9C	OU2-10A	OU2-10B	Class GA Standards and Guidance Values
Sampling Date	1/4/2012	1/4/2012	1/5/2012	1/5/2012	1/5/2012	1/10/2012	1/10/2012	
Well Depth in Feet	125	150	100	125	150	100	125	
Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
COMPOUNDS								
1,1,1-Trichloroethane	U	U	U	U	U	U	U	5
1,1,2,2-Tetrachloroethane	U	U	U	U	U	U	U	5
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	U	U	U	U	U	5
1,1,2-Trichloroethane	U	U	U	U	U	U	U	1
1,1-Dichloroethane	U	U	U	U	U	U	U	5
1,1-Dichloroethene	U	U	U	U	U	U	U	5
1,2,4-Trichlorobenzene	U	U	U	U	U	U	U	5
1,2-Dibromo-3-chloropropane	U	U	U	U	U	U	U	5
1,2-Dibromoethane (EDB)	U	U	U	U	U	U	U	---
1,2-Dichlorobenzene	U	U	U	U	U	U	U	3
1,2-Dichloroethane	U	U	U	U	U	U	U	0.6
1,2-Dichloropropane	U	U	U	U	U	U	U	1
1,3-Dichlorobenzene	U	U	U	U	U	U	U	3
1,4-Dichlorobenzene	U	U	U	U	U	U	U	3
2-Hexanone	U	U	U	U	U	U	U	50 GV
Acetone	U	U	U	U	U	U	U	50
Benzene	U	U	U	***3*** ***J***	U	U	***11***	1
Bromodichloromethane	U	U	U	U	U	U	U	50 GV
Bromoform	U	U	U	U	U	U	U	50 GV
Bromomethane	U	U	U	U	U	U	U	5
Carbon disulfide	U	U	U	U	U	U	U	---
Carbon tetrachloride	U	U	U	U	U	U	U	5
Chlorobenzene	U	U	U	U	U	U	U	5
Chloroethane	U	U	U	U	U	U	U	5
Chloroform	0.77 J	U	U	U	U	U	U	5
Chloromethane	U	U	U	U	U	U	U	5
cis-1,2-Dichloroethene	U	U	U	0.84 J	***70***	U	1.4 J	5
cis-1,3-Dichloropropene	U	U	U	U	U	U	U	0.4
Cyclohexane	U	U	U	U	U	U	0.78 J	---
Dibromochloromethane	U	U	U	U	U	U	U	50 GV
Dichlorodifluoromethane	U	U	U	U	U	U	U	5
Ethylbenzene	U	U	U	U	U	U	U	5
Isopropylbenzene	U	U	U	U	U	U	U	5

See next page for Footnotes/Qualifers

TABLE 1
123 POST AVENUE
GROUNDWATER SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS

Sample ID	OU2-8B	OU2-8C	OU2-9A	OU2-9B	OU2-9C	OU2-10A	OU2-10B	Class GA Standards and Guidance Values
Sampling Date	1/4/2012	1/4/2012	1/5/2012	1/5/2012	1/5/2012	1/10/2012	1/10/2012	
Well Depth in Feet	125	150	100	125	150	100	125	
Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
COMPOUNDS CONTINUED								
Methyl Acetate	U	U	U	U	U	U	U	---
Methyl ethyl ketone (2-Butanone)	U	U	U	U	U	U	U	50 GV
Methyl isobutyl ketone	U	U	U	U	U	U	U	---
Methylcyclohexane	U	U	U	U	U	U	U	---
Methylene chloride	U	U	U	U	U	U	U	5
Styrene	U	U	U	U	U	U	U	5
Tert-butyl methyl ether	0.8 J	1.6 J	U	U	4.4 J	0.93 J	U	10 GV
Tetrachloroethene	3.2 J	4.9 J	4.3 J	***32***	***1700 D***	4.4 J	***61***	5
Toluene	U	U	U	U	U	U	U	5
trans-1,2-Dichloroethene	U	U	U	U	U	U	U	5
trans-1,3-Dichloropropene	U	U	U	U	U	U	U	0.4
Trichloroethene	0.68 J	U	U	1.4 J	***28***	U	1.2 J	5
Trichlorofluoromethane	U	U	U	U	U	U	U	5
Vinyl chloride	U	U	U	U	U	U	U	2
Total xylene	U	U	U	U	U	U	1.8 J	5
Total Volatile Organic Compounds	5.45	6.5	4.3	37.24	1802.4	5.33	77.18	--

Footnotes/Qualifiers:

ug/l: Micrograms per liter
U: Analyzed for but not detected
J: Estimated value or limit
D: Result reported from a secondary dilution
GV: Guidance value
---: No standard or GV available
Exceeds Class GA Standard or GV

TABLE 1
123 POST AVENUE
GROUNDWATER SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS

Sample ID	OU2-10C	OU2-11	OU2-IW-1	OU2-IW-3	OU2-IW-4	BIGMCARWASH		Class GA Standards and Guidance Values
Sampling Date	1/10/2012	1/19/2012	1/6/2012	1/9/2012	1/12/2012	1/11/2012		
Well Depth in Feet	150	200	95	95	95	65		
Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		ug/l
COMPOUNDS								
1,1,1-Trichloroethane	U	U	U	U	U	U		5
1,1,2,2-Tetrachloroethane	U	U	U	U	U	U		5
1,1,2-Trichloro-1,2,2-trifluoroethane	U	U	U	U	U	U		5
1,1,2-Trichloroethane	U	U	U	U	U	U		1
1,1-Dichloroethane	U	U	U	U	U	U		5
1,1-Dichloroethene	U	U	U	U	U	U		5
1,2,4-Trichlorobenzene	U	U	U	U	U	U		5
1,2-Dibromo-3-chloropropane	U	U	U	U	U	U		5
1,2-Dibromoethane (EDB)	U	U	U	U	U	U		—
1,2-Dichlorobenzene	U	U	U	U	U	U		3
1,2-Dichloroethane	U	U	U	U	U	U		0.6
1,2-Dichloropropane	U	U	U	U	U	U		1
1,3-Dichlorobenzene	U	U	U	U	U	U		3
1,4-Dichlorobenzene	U	U	U	U	U	U		3
2-Hexanone	U	U	U	U	U	U		50 GV
Acetone	U	U	U	U	U	U		50
Benzene	U	U	U	U	U	U		1
Bromodichloromethane	U	U	U	U	U	U		50 GV
Bromoform	U	U	U	U	U	U		50 GV
Bromomethane	U	U	U	U	U	U		5
Carbon disulfide	U	U	U	U	U	U		---
Carbon tetrachloride	U	U	U	U	U	U		5
Chlorobenzene	U	U	U	U	U	U		5
Chloroethane	U	U	U	U	U	U		5
Chloroform	U	U	U	U	U	U		5
Chloromethane	U	U	U	U	U	U		5
cis-1,2-Dichloroethene	***11***	1.6 J	U	3.8 J	U	***18***		5
cis-1,3-Dichloropropene	U	U	U	U	U	U		0.4
Cyclohexane	U	U	U	U	U	U		---
Dibromochloromethane	U	U	U	U	U	U		50 GV
Dichlorodifluoromethane	U	U	U	U	U	U		5
Ethylbenzene	U	U	U	U	U	U		5
Isopropylbenzene	U	U	U	U	U	U		5

See next page for Footnotes/Qualifers

TABLE 1
123 POST AVENUE
GROUNDWATER SAMPLE RESULTS
VOLATILE ORGANIC COMPOUNDS

Sample ID	OU2-10C	OU2-11	OU2-IW-1	OU2-IW-3	OU2-IW-4	BIGMCARWASH		Class GA Standards and Guidance Values
Sampling Date	1/10/2012	1/19/2012	1/6/2012	1/9/2012	1/12/2012	1/11/2012		
Well Depth in Feet	150	200	95	95	95	65		
Units	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l		ug/l
COMPOUNDS CONTINUED								
Methyl Acetate	U	U	U	U	U	U		---
Methyl ethyl ketone (2-Butanone)	U	U	U	U	U	U		50 GV
Methyl isobutyl ketone	U	U	U	U	U	U		---
Methylcyclohexane	U	U	U	U	U	U		---
Methylene chloride	U	U	U	U	U	U		5
Styrene	U	U	U	U	U	U		5
Tert-butyl methyl ether	U	4.1 J	U	U	U	2.1 J		10 GV
Tetrachloroethene	***350 D***	***160***	***5.7***	***81***	***9.8***	***400 D***		5
Toluene	U	0.54 J	U	U	U	U		5
trans-1,2-Dichloroethene	U	U	U	U	U	U		5
trans-1,3-Dichloropropene	U	U	U	U	U	U		0.4
Trichloroethene	3.4 J	0.97 J	U	1 J	U	***10***		5
Trichlorofluoromethane	U	U	U	U	U	U		5
Vinyl chloride	U	U	U	U	U	U		2
Total xylene	U	U	U	U	U	U		5
Total Volatile Organic Compounds	364.4	167.21	5.7	85.8	9.8	430.1		--

Footnotes/Qualifiers:

ug/l: Micrograms per liter
U: Analyzed for but not detected
J: Estimated value or limit
D: Result reported from a secondary dilution
GV: Guidance value
---: No standard or GV available
Exceeds Class GA Standard or GV